

96 00113



Serving the People of California

PROJECTIONS AND PLANNING INFORMATION



Los Angeles- Long Beach

Metropolitan Statistical Area
(Los Angeles County)

INSTITUTE OF GOVERNMENTAL
STUDIES LIBRARY

NOV 18 1997

UNIVERSITY OF CALIFORNIA



Pete Wilson
Governor
STATE OF CALIFORNIA

Sandra R. Smoley
Secretary
HEALTH AND WELFARE AGENCY

Victoria L. Bradshaw
Director
EMPLOYMENT DEVELOPMENT DEPARTMENT

PROJECTIONS AND PLANNING INFORMATION

LOS ANGELES-LONG BEACH METROPOLITAN STATISTICAL AREA (LOS ANGELES COUNTY)

Mailing Address:

**Employment Development Department
Labor Market Information Division, MIC 57
P.O. Box 826880
Sacramento, CA 94280-0001**

**For additional information for this county,
call Peter Force, (213) 744-2261;
Margaret Platt, (818) 509-5655;
Vince Canales, (213) 744-2263;
Irene Bauske, (310) 330-5919
or (916) 262-2162.**

**State of California
Health and Welfare Agency**

PROJECTIONS AND PLANNING
INFORMATION

LOS ANGELES-LONG BEACH
METROPOLITAN STATISTICAL AREA
(LOS ANGELES COUNTY)

U.S. DEPARTMENT OF COMMERCE

BUREAU OF ECONOMIC ANALYSIS

Population and Housing
Projections for the
Los Angeles-Long Beach
Metropolitan Statistical Area
1970-1980

For additional information on
this report, contact the
Bureau of Economic Analysis,
U.S. Department of Commerce,
Washington, D.C. 20540

1979-1980
U.S. GOVERNMENT PRINTING OFFICE

PROJECTIONS AND PLANNING INFORMATION

1997 UPDATES

FOR

LOS ANGELES COUNTY

INSTITUTE OF GOVERNMENTAL
STUDIES LIBRARY

MAR - 9 1998

UNIVERSITY OF CALIFORNIA

Replace Module D: INDUSTRY PROJECTIONS

All Pages

Replace Module E: OCCUPATIONAL PROJECTIONS

All Pages

**EMPLOYMENT DEVELOPMENT DEPARTMENT
LABOR MARKET INFORMATION DIVISION**

For questions about this report, call (916)262-0893.

PROTECTIONS AND PLANNING OPERATION

IN THE

LOS ANGELES COUNTY

THE COUNTY OF LOS ANGELES, CALIFORNIA
DO HEREBY CERTIFY THAT THE

PROTECTIONS AND PLANNING
OPERATION

LABOR MARKET INFORMATION DIVISION

MISSION

WE PROMOTE CALIFORNIA'S ECONOMIC HEALTH BY PROVIDING INFORMATION TO HELP PEOPLE UNDERSTAND CALIFORNIA'S ECONOMY AND MAKE INFORMED LABOR MARKET CHOICES.

VISION

WE ARE THE LABOR MARKET INFORMATION SOURCE FOR CALIFORNIA AND A NATIONAL LEADER IN LABOR MARKET INFORMATION. WE ARE AN INNOVATIVE, CREATIVE AND EXPERT CONSULTING ORGANIZATION; AN ECONOMIC DEVELOPMENT AND RESEARCH PARTNER; AND A PRESTIGIOUS AND HIGHLY CREDIBLE ORGANIZATION.



LEADER MARKET REFINEMENT DIVISION

MISSION

WE PROVIDE CUSTOMER SERVICE TO LEADER MARKET REFINEMENT DIVISIONS
IN ORDER TO HELP THEM IDENTIFY LEADER MARKETS
AND TO BE THE FIRST CHOICE FOR LEADER MARKETS

VISION

TO BE THE LEADER MARKET REFINEMENT DIVISION OF THE FUTURE
AND A NATIONAL LEADER IN LEADER MARKET REFINEMENT. WE ARE
AN INNOVATIVE, CREATIVE AND FIRST CHOICE FOR LEADER MARKETS
IN THE FUTURE. WE ARE THE FIRST CHOICE FOR LEADER MARKETS
AND A NATIONAL LEADER IN LEADER MARKET REFINEMENT.



Projections & Planning Information

Module A:

Introduction

Projections and Planning Information

LOS ANGELES COUNTY

Replace Module A: INTRODUCTION

ALL PAGES

**EMPLOYMENT DEVELOPMENT DEPARTMENT
LABOR MARKET INFORMATION DIVISION**

For questions about this report, call (916) 262-2162.



Table of Contents

Module A: INTRODUCTION

Note to Readers	A-v
Area Profile	A-1
Population of the County and Selected Cities	A-2
Area Map	A-5
Population Estimates for California and Counties	A-6
The Occupational Information Network (O*NET)	A-7
Standard Occupational Classification (SOC)	A-8
EDD and Related Services	A-9

Note to Readers

The Employment Development Department's Labor Market Information Division (LMID) regularly collects, analyzes, and publishes information about California's labor market, which consists of approximately 15 million workers and 1 million employers. In addition to employment and unemployment data, LMID provides economic planning information, industry and occupational information, social and demographic information, and a variety of other statistics.

LMID produces the Projection and Planning Information publication (PPI) for 57 counties and the State. Each module within the PPI is designed to present data in a clear and usable form. The variety and number of reports within each module are intended to answer the most frequently asked questions. These modules are updated as new information becomes available and are delivered to customers for inclusion in a three-ring binder.

Customers may choose some or all of the following modules:

Module A: Introduction *Information about the featured county and population tables providing data for the past and present. Additional resources for exploring various occupations.*

- Area Profile
- Area Map
- County/City Population
- Population Estimates for California and Counties
- O*NET The Occupational Network
- Standard Occupational Classification (SOC)
- EDD and Related Websites

Module B: Labor Force *Current and historical labor force, employment, unemployment and unemployment rates.*

- State Map of Current Annual Average Rates by County
- Annual Average Unemployment Rates
- Monthly and Annual Average Data

Module C: Wage and Salary Employment *Current and historical wage and salary employment data.*

- Annual Average Data
- Monthly Data

Module D: Projections *Information for estimating job opportunities, developing training programs, and gaining an insight into future employment trends.*

- Description of Industry and Occupational Tables
- Training Level Definitions
- Industry Trends and Outlook
- Employment by Major Industry
- Industry Employment Projections
- Employment by Major Occupational Group
- Occupations with the Greatest Absolute Job Growth (Growth plus Separations)
- Occupations with the Fastest Job Growth
- Occupational Employment Projections
- Occupations with Most Openings
- Occupations with Projected Declines
- Alphabetical Index of Occupations
- Description of Standard Industrial Classification (SIC) and North American Industry Classification (NAICS)
- Methods and Economic Assumptions

Module E: Occupational Wages *Occupational Employment Statistics (OES) Wage Survey results and explanation of methodology.*

- Occupational Wages for Selected Counties

Module F: Social and Economic Data *Tables from the U.S. Department of Commerce, the Census Bureau, and various State agencies.*

- Public Assistance Recipients by Program
- Public Assistance Recipients by Program (CalWORKs), Characteristics of Recipients
- Occupations with the Greatest Absolute Job Growth
- Lower Living Standard Income Levels and Poverty Guidelines
- Planning Information for Local Workforce Investment Areas
- Profile of General Demographic Characteristics
- Explanation of Terms and Concepts
- Nondiscrimination Information

Los Angeles County

Located on the southern coast of California, Los Angeles County enjoys 76 miles of Pacific Ocean coastline. Covering more than 4,000 square miles, the county also includes the islands of Santa Catalina and San Clemente. Surrounding counties include Orange and San Bernardino to the east, Kern to the north, and Ventura to the west.

Los Angeles County has the distinction of being the most populated county in the state. The county experienced the single largest absolute population growth in California and second-most growth in the nation for a county during the ten-year period between the 1990 and the 2000 Census. The most populated city within the county is the city of Los Angeles, which accounts for 40 percent of the county's total population. The city of Long Beach is the county's second most populated city.

The county is served by an extensive roadway system. Los Angeles freeways, which are named as well as numbered, include Interstate 5 (also known as the Santa Ana Freeway), which crosses the county northwest to southeast; Interstate 10 (the Santa Monica Freeway); Interstate 110 (the Harbor Freeway); and Interstate 405 (the San Diego Freeway). Highway 101 (the Pacific Coast Highway) takes an inland route from Ventura to Los Angeles where it disappears into the complex of downtown expressways.

The famous Los Angeles Union Station serves freight and passenger train systems, while bus systems, a mini-bus shuttle system and a light rail system also figure importantly in the county's transportation network. Airline passengers are served by the Los Angeles International Airport, one of the busiest airports in the nation, as well as the Burbank/Glendale/Pasadena airport, the closest airport to downtown Los Angeles.

Combined, the ports of Los Angeles and Long Beach represent the third busiest container port complex in the world. They serve as a gateway for international commerce and an economic engine for the region.

Forty-five years ago, Los Angeles County was the leading farm county in the nation. However, the county's agricultural importance has waned due to urban and industrial expansion. Today, Los Angeles County's diverse economic base includes finance and business services, health services, tourism and entertainment, electronics, apparel, retail and wholesale distribution, as well as international trade.

Los Angeles County

(Los Angeles-Long Beach Metropolitan Statistical Area)

Population of the County and Selected Cities
1980, 1990, 2000, and 2001

Political Subdivisions	1980 (a)	1990 (b)	2000 (c)	2001 (d)	Percent Change	
					1990 to 2000	2000 to 2001
Total	7,477,517	8,863,164	9,519,338	9,802,800	7.4%	3.0%
Agoura Hills (f)	11,399	20,390	20,537	20,900	0.7%	1.8%
Alhambra	64,767	82,106	85,804	88,000	4.5%	2.6%
Arcadia	45,993	48,290	53,054	54,200	9.9%	2.2%
Artesia	14,301	15,464	16,380	16,850	5.9%	2.9%
Avalon	2,022	2,918	3,127	3,210	7.2%	2.7%
Azusa	29,380	41,333	44,712	46,050	8.2%	3.0%
Baldwin Park	50,554	69,330	75,837	78,800	9.4%	3.9%
Bell	25,450	34,365	36,664	37,950	6.7%	3.5%
Bellflower	53,441	61,815	72,878	74,900	17.9%	2.8%
Bell Gardens	34,117	42,355	44,054	45,650	4.0%	3.6%
Beverly Hills	32,646	31,971	33,784	34,550	5.7%	2.3%
Bradbury	846	829	855	870	3.1%	1.8%
Burbank	84,625	93,643	100,316	102,400	7.1%	2.1%
Calabasas (f)	NA	NA	20,033	20,400	NA	1.8%
Carson	81,221	83,995	89,730	93,500	6.8%	4.2%
Cerritos	53,020	53,240	51,488	52,600	-3.3%	2.2%
Claremont	31,028	32,503	33,998	35,250	4.6%	3.7%
Commerce	10,509	12,135	12,568	13,050	3.6%	3.8%
Compton	81,350	90,454	93,493	96,700	3.4%	3.4%
Covina	32,746	43,207	46,837	48,050	8.4%	2.6%
Cudahy	18,275	22,817	24,208	25,300	6.1%	4.5%
Culver City	38,139	38,793	38,816	39,750	0.1%	2.4%
Diamond Bar (e)	30,677	53,672	56,287	57,600	4.9%	2.3%
Downey	82,602	91,444	107,323	110,600	17.4%	3.1%
Duarte	16,766	20,688	21,486	22,050	3.9%	2.6%
El Monte	79,494	106,209	115,965	119,800	9.2%	3.3%
El Segundo	13,752	15,223	16,033	16,350	5.3%	2.0%
Gardena	45,165	49,847	57,746	59,600	15.8%	3.2%
Glendale	139,060	180,038	194,973	199,000	8.3%	2.1%
Glendora	38,500	47,828	49,415	50,600	3.3%	2.4%
Hawaiian Gardens	10,548	13,639	14,779	15,300	8.4%	3.5%
Hawthorne	56,437	71,349	84,112	86,700	17.9%	3.1%

Los Angeles County

(Los Angeles-Long Beach Metropolitan Statistical Area)

Population of the County and Selected Cities
1980, 1990, 2000, and 2001

Political Subdivisions	1980 (a)	1990 (b)	2000 (c)	2001 (d)	Percent Change	
					1990 to 2000	2000 to 2001
Hermosa Beach	18,070	18,219	18,566	18,900	1.9%	1.8%
Hidden Hills	1,760	1,729	1,875	1,930	8.4%	2.9%
Huntington Park	45,932	56,065	61,348	63,600	9.4%	3.7%
Industry	412	631	777	800	23.1%	3.0%
Inglewood	94,162	109,602	112,580	116,200	2.7%	3.2%
Irwindale	1,030	1,050	1,446	1,500	37.7%	3.7%
La Canada Flintridge	20,153	19,378	20,318	20,700	4.9%	1.9%
La Habra Heights	4,786	6,226	5,712	5,850	-8.3%	2.4%
Lakewood	74,654	73,557	79,345	81,100	7.9%	2.2%
La Mirada	40,986	40,452	46,783	47,900	15.7%	2.4%
Lancaster	48,027	97,291	118,718	122,100	22.0%	2.8%
La Puente	30,882	36,955	41,063	42,500	11.1%	3.5%
La Verne	23,508	30,897	31,638	32,350	2.4%	2.3%
Lawndale	23,460	27,331	31,711	32,600	16.0%	2.8%
Lomita	18,807	19,382	20,046	20,500	3.4%	2.3%
Long Beach	361,355	429,433	461,522	473,600	7.5%	2.6%
Los Angeles	2,968,579	3,485,398	3,694,820	3,802,700	6.0%	2.9%
Lynwood	48,289	61,945	69,845	72,400	12.8%	3.7%
Malibu (f)	NA	NA	12,575	12,850	NA	2.2%
Manhattan Beach	31,542	32,063	33,852	34,750	5.6%	2.7%
Maywood	21,810	27,850	28,083	29,100	0.8%	3.6%
Monrovia	30,531	35,761	36,929	37,850	3.3%	2.5%
Montebello	52,929	59,564	62,150	64,200	4.3%	3.3%
Monterey Park	54,338	60,738	60,051	62,200	-1.1%	3.6%
Norwalk	84,901	94,279	103,298	106,400	9.6%	3.0%
Palmdale	12,277	68,842	116,670	121,400	69.5%	4.1%
Palos Verdes Estate	14,376	13,512	13,340	13,550	-1.3%	1.6%
Paramount	36,407	47,669	55,266	57,100	15.9%	3.3%
Pasadena	118,072	131,591	133,936	137,300	1.8%	2.5%
Pico Rivera	53,387	59,177	63,428	65,700	7.2%	3.6%
Pomona	92,742	131,723	149,473	154,700	13.5%	3.5%
Rancho Palos Verdes	36,577	41,659	41,145	42,000	-1.2%	2.1%
Redondo Beach	57,102	60,167	63,261	64,700	5.1%	2.3%
Rolling Hills	2,049	1,871	1,871	1,910	0.0%	2.1%

Los Angeles County (Los Angeles-Long Beach Metropolitan Statistical Area)

Population of the County and Selected Cities 1980, 1990, 2000, and 2001

Political Subdivisions	1980 (a)	1990 (b)	2000 (c)	2001 (d)	Percent Change	
					1990 to 2000	2000 to 2001
Rolling Hills Estates	7,701	7,789	7,676	7,850	-1.5%	2.3%
Rosemead	42,604	51,638	53,505	55,400	3.6%	3.5%
San Dimas	24,014	32,397	34,980	35,800	8.0%	2.3%
San Fernando	17,731	22,580	23,564	24,450	4.4%	3.8%
San Gabriel	30,072	37,120	39,804	40,850	7.2%	2.6%
San Marino	13,307	12,959	12,945	13,150	-0.1%	1.6%
Santa Clarita (e)	66,730	110,642	151,088	155,100	36.6%	2.7%
Santa Fe Springs	14,520	15,520	17,438	18,000	12.4%	3.2%
Santa Monica	88,314	86,905	84,084	86,200	-3.2%	2.5%
Sierra Madre	10,837	10,762	10,578	10,750	-1.7%	1.6%
Signal Hill	5,734	8,371	9,333	9,725	11.5%	4.2%
South El Monte	16,623	20,850	21,144	21,900	1.4%	3.6%
South Gate	66,784	86,284	96,375	99,800	11.7%	3.6%
South Pasadena	22,681	23,936	24,292	24,800	1.5%	2.1%
Temple City	28,972	31,100	33,377	34,100	7.3%	2.2%
Torrance	129,881	133,107	137,946	140,900	3.6%	2.1%
Vernon	90	152	91	95	-40.1%	4.4%
Walnut	12,478	29,105	30,004	30,700	3.1%	2.3%
West Covina	80,292	96,086	105,080	109,000	9.4%	3.7%
West Hollywood (e)	35,754	36,118	35,716	36,350	-1.1%	1.8%
Westlake Village (e)	6,138	7,455	8,368	8,500	12.2%	1.6%
Whittier	68,558	77,671	83,680	85,900	7.7%	2.7%
Balance of County	854,980	970,720	987,537	1,023,900	1.7%	3.7%

(a) Census of Population, April 1, 1980.

(b) Census of Population, April 1, 1990.

(c) Census of Population, April 1, 2000.

(d) California Department of Finance revised estimates for January 1, 2001.

Parts may not add to total due to independent rounding.

(e) Incorporated after the 1980 Census.

(f) Incorporated after the 1990 Census.

NA- Not applicable

Los Angeles County



Population Estimates for California and Counties

	January		Percent Change		January		Percent Change
	2000	2001			2000	2001	
California	34,207,000	34,818,000	1.8%	Orange	2,867,700	2,925,700	2.0%
Alameda	1,455,300	1,479,100	1.6%	Placer	248,700	257,500	3.5%
Alpine	1,200	1,220	1.7%	Plumas	21,000	21,100	0.5%
Amador	35,250	35,400	0.4%	Riverside	1,557,800	1,609,400	3.3%
Butte	204,600	205,800	0.6%	Sacramento	1,230,700	1,258,600	2.3%
Calaveras	40,950	41,100	0.4%	San Benito	53,800	55,200	2.6%
Colusa	19,050	19,200	0.8%	San Bernardino	1,726,800	1,764,300	2.2%
Contra Costa	955,900	972,100	1.7%	San Diego	2,835,400	2,883,600	1.7%
Del Norte	28,050	28,100	0.2%	San Francisco	781,900	793,700	1.5%
El Dorado	157,200	159,700	1.6%	San Joaquin	568,300	583,700	2.7%
Fresno	810,300	823,900	1.7%	San Luis Obispo	248,200	252,100	1.6%
Glenn	26,800	26,800	0.0%	San Mateo	713,900	720,100	0.9%
Humboldt	127,400	127,800	0.3%	Santa Barbara	403,500	408,900	1.3%
Imperial	146,600	150,900	2.9%	Santa Clara	1,698,800	1,723,700	1.5%
Inyo	18,250	18,150	-0.5%	Santa Cruz	258,000	259,800	0.7%
Kern	671,300	685,800	2.2%	Shasta	164,300	165,700	0.9%
Kings	132,100	136,100	3.0%	Sierra	3,580	3,560	-0.6%
Lake	58,700	59,300	1.0%	Siskiyou	44,750	44,300	-1.0%
Lassen	34,850	35,900	3.0%	Solano	396,900	403,400	1.6%
Los Angeles	9,643,100	9,802,800	1.7%	Sonoma	461,700	468,800	1.5%
Madera	125,800	129,400	2.9%	Stanislaus	451,000	459,900	2.0%
Marin	248,700	250,400	0.7%	Sutter	79,700	80,900	1.5%
Mariposa	17,200	17,200	0.0%	Tehama	56,400	56,800	0.7%
Mendocino	87,100	87,300	0.2%	Trinity	13,150	13,050	-0.8%
Merced	212,800	216,700	1.8%	Tulare	373,100	377,500	1.2%
Modoc	9,550	9,600	0.5%	Tuolumne	54,800	55,200	0.7%
Mono	12,950	13,350	3.1%	Ventura	759,400	773,500	1.9%
Monterey	405,200	410,800	1.4%	Yolo	169,300	173,500	2.5%
Napa	125,100	126,200	0.9%	Yuba	60,900	60,800	-0.2%
Nevada	92,300	94,000	1.8%				

SOURCE: State of California, Department of Finance, Population Estimates for California Cities and Counties.
Report E-1. Sacramento, California, May 2001.

O*NET

The Occupational Information Network

The *Occupational Information Network* (O*NET) is the U.S. Department of Labor's recent replacement to the long-standing Dictionary of Occupational Titles (DOT). First released in 1998 and made available as an Internet application in 2001, O*NET was created for the general public to provide broad access to occupational information.

The O*NET system includes information on skills, abilities, knowledge, work activities, and interests associated with occupations. This information can be used to facilitate career exploration, vocational counseling, and a variety of human resources functions, such as developing job orders and position descriptions and aligning training with current workplace needs.

The gathering and classification of information was done with many different users in mind, including human resource personnel, industry analysts, students, rehabilitation counselors, workforce researchers, managers, displaced workers and more. Information in O*NET is available for over 950 occupations. Each occupational title and code is based on the most current version of the Standard Occupational Classification system.

O*NET OnLine offers users the chance to:

- Find occupations to explore, either by skill requirements or using key words
- Search for occupations that use their skills
- Look at related occupations with similar skills requirements
- View and print snapshot reports listing top tasks and skills requirements for an occupation
- View occupation details

- Use crosswalks to find occupations using titles from other classification systems
- Connect to other on-line career information resources to see current wage and outlook information
- Access comprehensive information on-line

The information currently available through O*NET was developed by job analysts; however, workers and employers themselves, describing what they do and the necessary skills, will contribute to data and ratings beginning in the year 2003.

The U.S. Department of Labor's Employment and Training Administration looked to both public and private entities in the development of O*NET. State-based Occupational Analysis Field Centers and Assessment Research and Development Program Centers provided regional support. Private sector firms are also assisting with the implementation of the project.

If it is to be current, comprehensive and inclusive, the O*NET System will require a continuous process of database building. DOL welcomes the participation of employers or representatives of organizations that can contribute occupational information. The massive and growing O*NET data collection and database will be maintained by the newly established National O*NET Consortium.

For further information contact O*NET:

O*NET Project
DOL Office of Policy and Research
200 Constitution Ave., NW, MS N5637
Washington, DC 20210
(202) 693-3660

<http://www.doleta.gov/programs/onet/>

Standard Occupational Classification (SOC)

The Standard Occupational Classification (SOC) 1998 System was developed in response to a growing need for a universal occupational classification system—a system which would allow government agencies and private industry to produce comparable data. The SOC system was designed to cover all occupations in which work is performed for pay or profit and will be used by all federal agencies to classify workers into occupational categories for the purpose of collecting, calculating, or disseminating data.

General Characteristics of the Revised SOC

This system classifies workers at four levels of aggregation:

- major group
- minor group
- broad occupation
- detailed occupation

All workers are classified into one of over 820 occupations, according to their occupational definition. To facilitate classification, all occupations are clustered into one of 23 major groups. Within these major groups, there are 96 minor groups, and 449 broad occupations. Each broad occupation includes detailed occupation(s) requiring similar job duties, skills, education, or experience.

The following example shows the hierarchical structure of the 1998 SOC:

19-0000 Life, physical, and social science occupations (*major group*)

19-000 Life scientists (*minor group*)

19-1020 Biological scientists (*broad occupation*)

19-1021 Biochemists and biophysicists (*detailed occupation*)

19-1022 Microbiologists (*detailed occupation*)

19-1023 Zoologists and wildlife biologists (*detailed occupation*)

19-1029 Biological scientists, all other (*detailed occupation*)

Data collected by the 2000 Census of Population will be coded to the 1998 SOC; the Department of Labor's Occupational Information Network (O*NET), adheres to the 1998 SOC. In fact, all federal government agencies that collect occupational data are expected to adopt the 1998 SOC over the next few years.

Additional information, updated revision plans, and information on the implementation of the 1998 SOC are available at the Bureau of Labor Statistics (BLS) Internet site:

<http://stats.bls.gov/soc>

Job Services for Employers and Job Seekers

The Employment Development Department (EDD) is the largest source of personnel recruitment in California. There is no fee to employers or job seekers. Employers may wish to place a job order with EDD or ask about other available services. Job seekers may wish to complete an application to be matched against employer job orders or to request other assistance in finding a job or training.

The **EDD Job Service** is the public employment service for the State of California. From locations in over 200 communities, the EDD Job Service program serves the State's 900,000 employers and the one million or more job seekers who use the services each year.

The EDD Job Service is authorized by the federal Wagner-Peyser Act, as amended by the Workforce Investment Act of 1998. The EDD plans and delivers the services in California in partnership with other employment and training organizations in the One-Stop Career Centers created by the Workforce Investment Act of 1998. The EDD's Job Service offers a variety of services that bring employers with job openings and qualified job seekers together.

CalJOBS – California's Internet system for linking employer job listings and job seeker resumes. CalJOBS is available at EDD Job Service locations, One-Stop Career Centers, and anywhere there is Internet access.

Special features of CalJOBS include:

- No fees
- Wide variety of job listings and job seekers
- Easy access:

<http://www.caljobs.ca.gov>

Employer Advisory Councils work closely with Job Service to sponsor employer seminars, job fairs and other events which provide information and guidance for job seekers and local business.

Additional Services to Job Seekers

- Job search workshops
- Referral to partner agencies that provide other employment related services, including training.

Additional Services to Employers

- Reemployment services for dislocated workers.
- Current labor market information.
- Focused recruitment campaigns.
- Locally coordinated workforce preparation services.

If you are interested in any of the above services, or would like information about the location of the Job Service office nearest you, contact the call center listed below.

Bay Area	415-749-7503
Los Angeles	213-833-7900
Orange	714-518-2315
Riverside	909-955-2200
Sacramento	916-227-0301
San Diego	619-266-4200

California's Labor Market and Occupational Information is only a click away ...

Use your computer to view and/or download important economic data directly from us —
24 hours a day, seven days a week!

<http://www.calmis.ca.gov>

Data available on-line:

Agriculture Statewide and county employment and earnings data for selected crops and industries.

Demographics Statewide and county census data, population tables, income statistics, and data for nondiscrimination programs.

Industry Current and historical employment data, projections of employment, hours and earnings, and size of firm data.

Labor Force Monthly, historical, and annual average labor force data by county, MSA, and statewide; labor market conditions in California, and employment characteristics.

Resources Contact lists for area consultants, local partners for the California Cooperative Occupational Information System (CCOIS), publications available, and resources for additional data.

Occupations Projections of employment by occupation, the California License Handbook, the California Occupational Guides, the Occupational Guide Wage Supplement and the Occupational Outlook Reports.

Visit our interactive on-line sites:

Labor Market Information for Economic Development (LMI4ED) Provides industry trends and occupational information in an interactive application. Users can search for data by county and industry or occupation, select individual items for display, and produce customized tables. LMI4ED is available at:

<http://www.lmi4ed.ca.gov>

California Career & Training Information System (CaCTIS) Provides job seekers and career development professionals easy access to occupational wages and outlook, training information and job openings. CaCTIS is available at:

<http://www.cactis.ca.gov>

Publications and Information: Publications Desk (916) 262-2162

Internet Assistance: (916) 262-2213 or (916) 262-2340

Related Websites

Local Government

CA local government agencies

http://www.ceres.ca.gov/geo_area/counties

Sacramento Area Commerce and Trade Organization

<http://www.sactoedc.org>

State Government

California's Home Page — Links to all state government agencies

<http://www.ca.gov>

EDD Home Page

<http://www.edd.ca.gov>

California Career Resource Network (CalCRN) — CalCRN is an interagency committee created to promote the development and use of occupational and career information.

<http://www.soicc.ca.gov>

California Department of Finance (DOF) — DOF provides demographic information, population estimates, and cost of living information.

<http://www.dof.ca.gov>

California One-Stop Career Centers

<http://www.sjtcc.ca.gov/sjtccweb/one-stop>

California School To Career (STC) — School-to-Career is a method of teaching that prepares students for college and the job market by integrating academic studies with real world applications and work based learning experiences.

<http://www.stc.ca.gov>

California's Job Bank

<http://www.caljobs.ca.gov>

Department Of Industrial Relations (DIR) — Worker's Compensation, labor law, and statistics.

<http://www.dir.ca.gov>

Federal Government

Federal Department of Labor, Bureau of Labor Statistics

<http://stats.bls.gov>

Bureau of the Census

<http://www.census.gov>

Library of Congress

<http://lcweb.loc.gov>

America's Job Bank

<http://www.ajb.dni.us>

Projections & Planning Information

Module B:

Labor Force

Table of Contents

Module B: Labor Force

Introduction B-v

Map B-vi

Unemployment Rates
United States, California and Counties B-1

1990–2002 Annual Average Labor Force Data B-2

1990–2002 Monthly Civilian Labor Force Data B-3

Labor Force

Labor force statistics are derived from the monthly Current Population Survey (CPS) conducted by the Bureau of Census for the Bureau of Labor Statistics (BLS). This monthly survey collects demographic data including employment and unemployment status for all states. The CPS sample consists of over 60,000 households nationwide with over 4,600 households in California. These data represent counts of individuals by place of residence rather than a count of jobs.

County-level labor force data, with the exception of Los Angeles county, are derived using a variety of information including CPS information, Wage and Salary Employment, and unemployment claims data for local areas.

Civilian Labor Force includes all non-institutional civilians, 16 years of age and older, who are working or looking for work: the sum of employed and unemployed.

Civilian Employment includes all individuals who are working, either for a wage or salary, self-employed, working at least one hour for pay or profit each week, or working at least 15 unpaid hours in a family business. Those who are on vacation, other kinds of leave, or involved in a labor dispute, are also counted as employed (whether or not they were paid for the time off).

Civilian Unemployment includes those individuals who are not working but are able, available and looking for work.

Unemployment Rate is the number of unemployed individuals expressed as a percentage of the civilian labor force.

Suggestions for Users

Regular users of labor force data include grant writers, economic development professionals, government agencies and local social service agencies. This section also provides suggestions for the first time user, the job hunter and the occasional user.

- County labor force data are not seasonally adjusted. It is important to request "not seasonally

adjusted" labor force data for the state and the nation to make a valid comparison.

- The employment and unemployment figures tend to vary from month to month for many reasons. As a result, the annual average figures, over time, tend to be a better estimate of the labor force trends within the area.
- The unemployment rate may not reflect the economic conditions in all areas of the county. The labor market can vary greatly in different industries, in different occupations, and in different parts of the county.
- Month-to-month labor force data are a useful indicator of seasonal changes in an area, such as outdoor activities (i.e. construction), holiday hiring, school schedules and agricultural patterns.
- California labor force data for years prior to 1990 are not directly comparable with data for 1990 and later years due to the introduction of the 1990 Census population controls.

Additional Sources of Information:

- Bureau of Labor Statistics, Occupational Outlook Handbook
- California Association for Local Economic Development (CALED)
- Local Chambers of Commerce
- Local Economic Development Organizations
- Newspapers

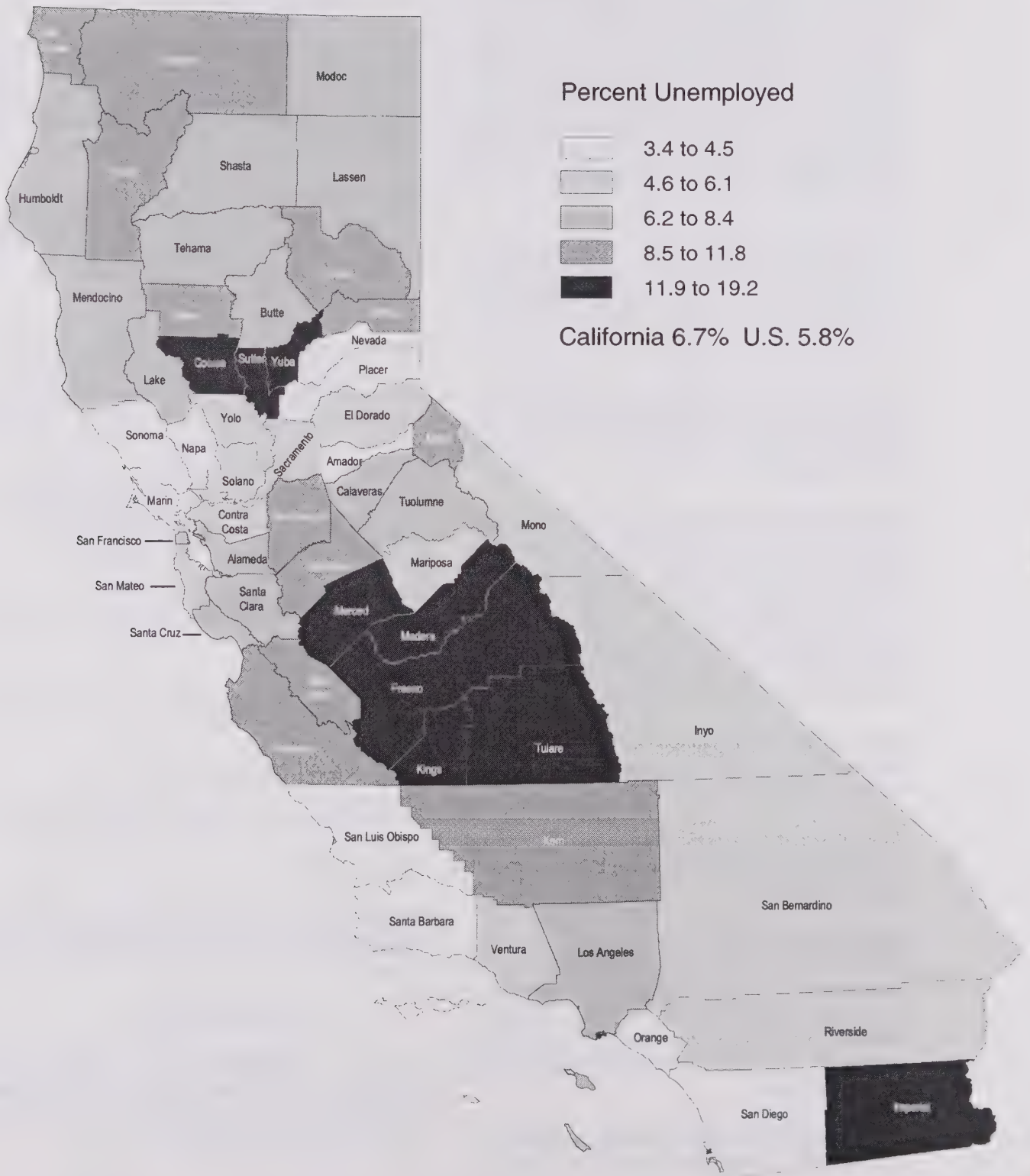
Electronic access to data is available through the Employment Development Department's Internet address at:

www.calmis.ca.gov

Please call **(916) 262-2162** for additional information or technical assistance, to obtain current monthly data, or contact information for local labor market consultants.

County Unemployment Rates

2002 Annual Averages



United States, California and Counties
Unemployment Rates
2001, 2002 Annual Averages*

	2001	2002		2001	2002
U.S.	4.7	5.8			
CALIFORNIA	5.4	6.7			
Alameda	4.6	6.8	Orange	3.0	4.1
Alpine	9.6	9.8	Placer	3.5	4.5
Amador	3.9	4.4	Plumas	8.5	9.0
Butte	7.1	7.7	Riverside	5.2	6.1
Calaveras	6.0	7.0	Sacramento	4.2	5.4
Colusa	15.6	16.4	San Benito	8.4	10.0
Contra Costa	3.3	5.2	San Bernardino	4.8	5.7
Del Norte	8.8	9.3	San Diego	3.2	4.3
El Dorado	4.0	5.0	San Francisco	5.2	7.3
Fresno	13.8	14.4	San Joaquin	8.8	10.1
Glenn	9.6	10.2	San Luis Obispo	2.8	3.4
Humboldt	6.0	6.5	San Mateo	2.9	5.0
Imperial	21.8	19.2	Santa Barbara	3.5	4.2
Inyo	4.9	5.9	Santa Clara	4.6	8.4
Kern	10.7	11.8	Santa Cruz	6.2	8.0
Kings	13.7	14.6	Shasta	6.8	7.4
Lake	7.3	8.4	Sierra	9.7	11.4
Lassen	6.7	6.7	Siskiyou	9.4	9.8
Los Angeles	5.7	6.8	Solano	4.1	5.5
Madera	12.2	12.7	Sonoma	3.0	4.5
Marin	2.5	3.9	Stanislaus	10.3	11.4
Mariposa	5.6	5.8	Sutter	12.4	13.6
Mendocino	6.7	7.2	Tehama	6.4	6.8
Merced	14.1	14.4	Trinity	9.9	9.7
Modoc	6.1	6.7	Tulare	15.5	15.5
Mono	5.3	5.6	Tuolumne	5.6	6.4
Monterey	9.4	10.5	Ventura	4.6	5.4
Napa	3.2	4.3	Yolo	4.3	5.0
Nevada	3.6	4.5	Yuba	12.1	13.3

*March 2002 Benchmark figures.

Los Angeles County
Civilian Labor Force, Employment and Unemployment
 (2002 Benchmark)
 Annual Averages 1990–2002

	Labor Force	Employment	Unemployment	Rate
2002	4,696,200	4,378,100	318,100	6.8%
2001	4,677,500	4,413,200	264,300	5.7%
2000	4,645,900	4,397,400	248,500	5.3%
1999	4,662,300	4,389,300	273,000	5.9%
1998	4,647,600	4,343,300	304,300	6.5%
1997	4,491,900	4,184,800	307,100	6.8%
1996	4,377,100	4,017,400	359,700	8.2%
1995	4,349,600	4,006,900	342,700	7.9%
1994	4,366,200	3,957,000	409,200	9.4%
1993	4,404,100	3,970,700	433,400	9.8%
1992	4,503,800	4,062,400	441,400	9.8%
1991	4,514,500	4,146,400	368,100	8.2%
1990	4,511,000	4,244,800	266,200	5.9%

Notes:

- (1) The unemployment rate is calculated using unrounded data.
- (2) Due to the introduction of the 1990 census population figures, the data for years prior to 1990 are not comparable with data for 1990 and later years.

Effective with the release of January 2003 data in February 2003, labor force data for all areas have been revised back to January 2000. This revision is the result of incorporation of the 2000 Census population controls at the State level and changes in methodology. Therefore, data for years prior to 2000 are not comparable with data for 2000 and later years.

Los Angeles County
Civilian Labor Force, Employment and Unemployment
(2002 Benchmark)

	Labor Force	Employment	Unemployment	Rate
2002 January	4,646,100	4,324,000	322,100	6.9%
February	4,696,300	4,376,900	319,400	6.8%
March	4,688,900	4,371,600	317,300	6.8%
April	4,653,600	4,339,200	314,400	6.8%
May	4,635,200	4,325,700	309,500	6.7%
June	4,642,800	4,312,400	330,500	7.1%
July	4,744,300	4,383,700	360,600	7.6%
August	4,706,900	4,377,200	329,700	7.0%
September	4,735,700	4,417,500	318,200	6.7%
October	4,738,200	4,431,100	307,100	6.5%
November	4,749,200	4,450,400	298,900	6.3%
December	4,716,600	4,427,500	289,100	6.1%
Annual Average	4,696,200	4,378,100	318,100	6.8%
2001 January	4,636,900	4,393,600	243,400	5.2%
February	4,679,000	4,447,600	231,400	4.9%
March	4,681,800	4,453,100	228,800	4.9%
April	4,667,900	4,434,500	233,400	5.0%
May	4,626,400	4,393,800	232,600	5.0%
June	4,628,300	4,369,400	258,900	5.6%
July	4,702,100	4,402,200	299,900	6.4%
August	4,695,700	4,406,800	288,900	6.2%
September	4,707,100	4,422,000	285,100	6.1%
October	4,700,700	4,410,700	290,100	6.2%
November	4,722,400	4,428,200	294,200	6.2%
December	4,680,500	4,396,100	284,400	6.1%
Annual Average	4,677,500	4,413,200	264,300	5.7%
2000 January	4,658,100	4,384,300	273,800	5.9%
February	4,660,400	4,401,400	259,000	5.6%
March	4,624,100	4,378,300	245,800	5.3%
April	4,609,000	4,367,300	241,700	5.2%
May	4,588,400	4,353,200	235,200	5.1%
June	4,616,600	4,366,500	250,200	5.4%
July	4,646,500	4,369,600	276,900	6.0%
August	4,657,300	4,393,800	263,500	5.7%
September	4,688,000	4,434,000	254,000	5.4%
October	4,659,900	4,421,100	238,800	5.1%
November	4,675,900	4,448,700	227,200	4.9%
December	4,666,700	4,450,600	216,200	4.6%
Annual Average	4,645,900	4,397,400	248,500	5.3%

Los Angeles County
Civilian Labor Force, Employment and Unemployment
(2002 Benchmark)

1999	January	4,604,200	4,301,200	303,000	6.6%
	February	4,621,100	4,333,500	287,600	6.2%
	March	4,631,600	4,357,500	274,100	5.9%
	April	4,599,000	4,336,500	262,400	5.7%
	May	4,599,700	4,348,800	250,900	5.5%
	June	4,610,800	4,345,000	265,800	5.8%
	July	4,701,300	4,403,400	297,900	6.3%
	August	4,708,000	4,424,200	283,700	6.0%
	September	4,738,100	4,459,200	278,900	5.9%
	October	4,705,900	4,438,500	267,400	5.7%
	November	4,718,300	4,459,800	258,500	5.5%
	December	4,710,600	4,464,400	246,200	5.2%
	Annual Average	4,662,300	4,389,300	273,000	5.9%
1998	January	4,570,100	4,266,000	304,100	6.7%
	February	4,606,300	4,304,400	301,900	6.6%
	March	4,626,500	4,331,700	294,800	6.4%
	April	4,596,700	4,304,900	291,800	6.3%
	May	4,602,700	4,312,000	290,700	6.3%
	June	4,617,200	4,312,400	304,900	6.6%
	July	4,707,300	4,365,500	341,800	7.3%
	August	4,703,300	4,378,700	324,600	6.9%
	September	4,734,700	4,412,100	322,500	6.8%
	October	4,676,100	4,372,500	303,600	6.5%
	November	4,694,900	4,400,100	294,800	6.3%
	December	4,635,400	4,358,800	276,500	6.0%
	Annual Average	4,647,600	4,343,300	304,300	6.5%
1997	January	4,383,200	4,041,200	342,000	7.8%
	February	4,413,800	4,086,000	327,800	7.4%
	March	4,428,400	4,119,500	308,900	7.0%
	April	4,426,700	4,124,800	301,800	6.8%
	May	4,440,100	4,148,600	291,500	6.6%
	June	4,435,000	4,132,800	302,200	6.8%
	July	4,544,200	4,208,800	335,400	7.4%
	August	4,571,700	4,255,800	315,800	6.9%
	September	4,576,300	4,269,100	307,300	6.7%
	October	4,555,200	4,265,200	290,000	6.4%
	November	4,550,700	4,263,800	286,900	6.3%
	December	4,578,000	4,301,900	276,100	6.0%
	Annual Average	4,491,900	4,184,800	307,100	6.8%

Los Angeles County
Civilian Labor Force, Employment and Unemployment
(2002 Benchmark)

1996	January	4,311,400	3,938,400	373,000	8.7%
	February	4,352,300	3,973,400	378,900	8.7%
	March	4,346,800	3,976,200	370,700	8.5%
	April	4,323,100	3,964,100	359,000	8.3%
	May	4,342,900	3,984,300	358,600	8.3%
	June	4,331,000	3,965,400	365,600	8.4%
	July	4,416,400	4,012,600	403,800	9.1%
	August	4,431,700	4,057,800	373,900	8.4%
	September	4,449,800	4,094,200	355,600	8.0%
	October	4,423,200	4,084,700	338,600	7.7%
	November	4,410,400	4,081,500	328,900	7.5%
	December	4,386,300	4,076,200	310,100	7.1%
	Annual Average	4,377,100	4,017,400	359,700	8.2%
1995	January	4,307,300	3,939,800	367,500	8.5%
	February	4,346,600	3,998,500	348,100	8.0%
	March	4,304,300	3,981,900	322,400	7.5%
	April	4,310,300	3,993,200	317,100	7.4%
	May	4,324,900	4,007,200	317,700	7.3%
	June	4,337,800	4,002,200	335,600	7.7%
	July	4,377,400	4,002,100	375,300	8.6%
	August	4,384,800	4,023,300	361,500	8.2%
	September	4,391,400	4,041,700	349,700	8.0%
	October	4,394,900	4,054,000	340,900	7.8%
	November	4,355,600	4,009,300	346,300	8.0%
	December	4,359,900	4,029,900	330,000	7.6%
	Annual Average	4,349,600	4,006,900	342,700	7.9%
1994	January	4,325,100	3,874,700	450,400	10.4%
	February	4,370,200	3,913,000	457,200	10.5%
	March	4,345,100	3,917,500	427,600	9.8%
	April	4,341,800	3,922,400	419,400	9.7%
	May	4,370,100	3,939,500	430,600	9.9%
	June	4,371,400	3,942,300	429,100	9.8%
	July	4,415,800	3,958,900	456,900	10.3%
	August	4,397,000	3,972,900	424,100	9.6%
	September	4,385,400	3,999,500	385,900	8.8%
	October	4,398,200	4,035,800	362,400	8.2%
	November	4,352,400	4,008,000	344,400	7.9%
	December	4,322,000	4,000,000	322,000	7.4%
	Annual Average	4,366,200	3,957,000	409,200	9.4%

Los Angeles County
Civilian Labor Force, Employment and Unemployment
(2002 Benchmark)

1993	January	4,409,300	3,952,400	456,900	10.4%
	February	4,436,800	3,980,400	456,400	10.3%
	March	4,419,600	3,982,200	437,400	9.9%
	April	4,422,600	3,993,700	428,900	9.7%
	May	4,403,700	3,978,300	425,400	9.7%
	June	4,404,900	3,975,300	429,600	9.8%
	July	4,456,200	3,994,000	462,200	10.4%
	August	4,436,700	3,993,700	443,000	10.0%
	September	4,396,700	3,970,800	425,900	9.7%
	October	4,373,800	3,959,800	414,000	9.5%
	November	4,343,100	3,926,600	416,500	9.6%
	December	4,345,800	3,941,700	404,100	9.3%
	Annual Average	4,404,100	3,970,700	433,400	9.8%
1992	January	4,489,100	4,066,400	422,700	9.4%
	February	4,522,300	4,079,300	443,000	9.8%
	March	4,486,500	4,067,500	419,000	9.3%
	April	4,518,000	4,090,300	427,700	9.5%
	May	4,500,700	4,065,500	435,200	9.7%
	June	4,517,400	4,067,700	449,700	10.0%
	July	4,558,700	4,065,100	493,600	10.8%
	August	4,548,400	4,074,100	474,300	10.4%
	September	4,507,100	4,048,200	458,900	10.2%
	October	4,509,300	4,074,000	435,300	9.7%
	November	4,464,200	4,036,900	427,300	9.6%
	December	4,423,900	4,013,900	410,000	9.3%
	Annual Average	4,503,800	4,062,400	441,400	9.8%
1991	January	4,403,600	4,100,000	303,600	6.9%
	February	4,482,400	4,138,200	344,200	7.7%
	March	4,483,300	4,143,900	339,400	7.6%
	April	4,473,100	4,126,600	346,500	7.7%
	May	4,482,600	4,121,700	360,900	8.1%
	June	4,516,000	4,140,600	375,400	8.3%
	July	4,580,400	4,162,500	417,900	9.1%
	August	4,565,800	4,164,600	401,200	8.8%
	September	4,542,000	4,149,200	392,800	8.6%
	October	4,575,300	4,195,300	380,000	8.3%
	November	4,544,800	4,165,700	379,100	8.3%
	December	4,525,500	4,148,800	376,700	8.3%
	Annual Average	4,514,500	4,146,400	368,100	8.2%

Los Angeles County
Civilian Labor Force, Employment and Unemployment
(2002 Benchmark)

1990 January	4,509,700	4,246,400	263,300	5.8%
February	4,525,900	4,267,600	258,300	5.7%
March	4,528,700	4,285,500	243,200	5.4%
April	4,521,300	4,275,500	245,800	5.4%
May	4,547,400	4,302,400	245,000	5.4%
June	4,558,900	4,306,700	252,200	5.5%
July	4,597,000	4,305,100	291,900	6.4%
August	4,592,400	4,304,500	287,900	6.3%
September	4,433,100	4,156,900	276,200	6.2%
October	4,452,800	4,180,800	272,100	6.1%
November	4,440,600	4,157,400	283,200	6.4%
December	4,424,500	4,148,900	275,500	6.2%
Annual Average	4,511,000	4,244,800	266,200	5.9%

Notes:

- (1) The unemployment rate is calculated using unrounded data.
- (2) Due to the introduction of the 1990 census population figures, the data for years prior to 1990 are not comparable with data for 1990 and later years.

Effective with the release of January 2003 data in February 2003, labor force data for all areas have been revised back to January 2000. This revision is the result of incorporation of the 2000 Census population controls at the State level and changes in methodology. Therefore, data for years prior to 2000 are not comparable with data for 2000 and later years.

Projections & Planning Information

Module C:

Wage & Salary Employment

Table of Contents

Module C: Wage and Salary

Introduction	C-v
2000–2002 Annual Average Industry Employment Data	C-1
2000–2002 Monthly Industry Employment Data	C-2

Wage and Salary Employment

Industry employment data reflect jobs by “place of work” and by broad industry categories. The data do not include the self-employed, unpaid family workers or private household employees. Jobs located in a county or Metropolitan Statistical Area (MSA) that pay wages and salaries are counted, although workers may live outside the area. Jobs are counted regardless of the number of hours worked. Individuals who hold more than one job may be counted more than once.

Current Employment Statistics

These data are based on the Current Employment Statistics (CES) survey. The CES survey summarizes monthly employment, and hours and earnings data from a sample of California employers. This survey is also referred to as the establishment, or wage and salary employment survey. The estimates are revised in the following month as job information is received from additional employers. Final revisions to the statewide and local area data, referred to as “Benchmark data,” are made each March for the previous two years based on payroll tax reports submitted by California employers covered by the Unemployment Insurance program.

Classification

Formerly, industry employment data were coded using the Standard Industrial Classification (SIC) system. In 1998, California began to transition from SIC to the new North American Industry Classification System (NAICS).

NAICS is the product of a cooperative effort on the part of the statistical agencies of the United States, Canada, and Mexico. It uses a production-oriented approach to categorize economic units. Units with similar production processes are classified in the same industry. NAICS focuses on how products and services are created, as opposed to SIC which focuses on what is produced. Using NAICS yields significantly different industry groupings than those produced using SIC. Due to these differences, NAICS data will not be directly comparable to the SIC-based data for earlier years.

Many programs within EDD produce or use data by industry, but some of these programs have not

yet transitioned from SIC to NAICS. For example, while the official estimates of employment by industry (also known as the Current Employment Statistics or CES program) began publishing data by NAICS with the release of Benchmark and monthly average data in February of 2003, the projections of employment by industry and occupation will not incorporate NAICS codes until the release of the 2002–2012 data (anticipated release in late 2003 or early 2004).

Annual Average Data

Annual average data are derived by adding up the monthly data for each industry and dividing by twelve to determine an actual annual average. These annual average data may reflect major business openings, expansions, and closings. Or, these data may reflect trends affecting an entire industry such as economic conditions, structural and technological changes.

Users of Wage and Salary Data

Economic developers, firms considering relocation, government agencies, grant writers, universities and anyone preparing reports on employment use wage and salary employment information to identify local industry trends. People looking for work and those counseling or placing others may learn about prospects for employment in various industries. Anyone seeking background information may use the wage and salary industry employment tables to look at the county's economy as a whole; at one industry; and/or at related industries for a firm's suppliers or for potential markets.

Points to Consider

Monthly job estimates are not adjusted for seasonal changes in employment. It is important to keep in mind that month-to-month changes may be due to regular seasonal patterns in an industry. For instance, during the holiday shopping season, retail jobs increase and during the summer, there are more workers in the construction industry. On the other hand, changes may reflect new businesses, expansions, or closings. Comparison of monthly changes for the same period in prior years will provide a better understanding of whether the change is seasonal or atypical.

Monthly fluctuations in wage and salary employment are an essential part of the changes that occur in the dynamic economy of a county or region. It is important to study wage and salary employment data over time to evaluate the strength of the local economy.

Wage and salary employment data identify which industries have the largest number of jobs. However, an industry with a large number of workers may not necessarily be expanding; it may even be downsizing, while new and expanding industries may not have large numbers of existing jobs but are a good source for new job opportunities.

Annual average data, over time, tend to be a better indicator of employment trends for the various industries in an area.

Additional Sources of Information

You may consult the labor force and industry and occupational projections modules of this report for more information on economic conditions in the county. Or, you may speak with the Labor Market Information Division's (LMID) area consultants located throughout the state who are knowledgeable about the economic activities within their local areas. Other sources of information include:

- U. S. Bureau of Labor Statistics
- Local Chambers of Commerce
- Local Economic Development Organizations
- Local Newspapers
- Universities and Colleges

Automated Access

Access to current data is available through the Employment Development Department's Internet address at:

www.calmis.ca.gov

For technical assistance or additional information about the Employment Development Department's website, please call (916) 262-2162. To obtain contact information for local labor market consultants or to obtain current monthly data, customers may also call (916) 262-2162, or FAX (916) 262-2443.

Los Angeles County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
2000–2002 Annual Averages*

Industry Title	2000	2001	2002
Total, All Industries	4,079,800	4,082,000	4,041,500
Total Farm	7,700	8,400	8,000
Total Nonfarm	4,072,100	4,073,600	4,033,500
Total Private	3,490,800	3,475,300	3,427,600
Goods Producing	746,400	718,500	674,800
Natural Resources and Mining	3,400	3,800	3,600
Construction	131,700	136,800	134,900
Construction of Buildings	31,400	31,500	31,300
Residential Building Construction	17,100	17,800	18,300
Nonresidential Building Construction	14,400	13,700	12,900
Heavy and Civil Engineering Construction	14,200	15,200	14,800
Specialty Trade Contractors	86,100	90,200	88,800
Building Foundation and Exterior Contractors	17,100	19,100	18,800
Building Equipment Contractors	34,600	35,300	33,500
Building Finishing Contractors	24,600	26,100	27,000
Other Specialty Trade Contract	9,800	9,600	9,500
Manufacturing	611,300	577,900	536,400
Durable Goods	341,900	325,400	300,500
Residual-Wood Product Manufacturing	18,400	17,700	16,300
Primary Metal Manufacturing	12,900	12,400	11,400
Fabricated Metal Product Mfg	61,300	58,800	53,700
Machinery Manufacturing	29,700	26,000	23,900
Computer and Electronic Product Manufacturing	70,500	69,200	64,400
Electronic Instrument Manufacturing	40,500	40,500	39,800
Residual-Computer and Peripheral Equipment Manufacturing	30,100	28,600	24,700
Electrical Equipment and Appliance Manufacturing	14,100	14,400	13,200
Transportation Equipment Manufacturing	71,800	66,900	61,400
Aerospace Product and Parts Manufacturing	52,200	47,100	44,000
Residual-Other Transportation Equipment Manufacturing	19,700	19,800	17,400
Furniture and Related Product Manufacturing	32,900	31,400	29,600
Household and Institutional Furniture Manufacturing	22,700	21,800	21,000
Residual-Other Furniture Related Product Manufacturing	10,100	9,600	8,600
Miscellaneous Manufacturing	30,300	28,600	26,700
Nondurable Goods	269,500	252,500	235,800
Food Manufacturing	45,500	45,600	43,700
Dairy Product Manufacturing	5,400	5,500	5,400
Animal Slaughtering and Processing	6,000	5,700	5,700
Bakeries and Tortilla Manufacturing	17,600	17,400	16,400
Residual-Other Food Manufacturing	16,500	17,000	16,300
Beverage and Tobacco Product Mfg	4,300	4,700	4,600
Textile Mills	14,200	12,400	12,100

*March 2002 Benchmark figures.

Los Angeles County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
2000–2002 Annual Averages*

Industry Title	2000	2001	2002
Apparel Manufacturing	92,300	80,600	73,500
Cut and Sew Apparel Manufacturing	86,000	74,800	67,800
Residual-Apparel Accessories and Other Apparel Manufacturing	6,300	5,800	5,800
Residual-Textile Product Mills	13,400	12,300	11,400
Paper Manufacturing	13,300	12,700	11,900
Printing and Related Support Activities	30,100	29,600	27,300
Petroleum and Coal Products Manufacturing	6,000	5,800	4,900
Chemical Manufacturing	25,800	25,300	24,700
Pharmaceutical and Medicine Manufacturing	6,800	6,900	7,100
Paint, Coating, and Adhesive M	4,000	3,500	3,200
Residual-Other Chemical Products and Preparation Manufacturing	15,000	14,900	14,400
Plastics and Rubber Products Manufacturing	24,600	23,600	21,700
Service Providing	3,325,700	3,355,100	3,358,700
Trade, Transportation and Utilities	784,800	789,800	786,700
Wholesale Trade	219,100	219,400	217,900
Merchant Wholesalers, Durable Goods	122,500	119,700	117,500
Motor Vehicle and Motor Vehicle Parts Merchant Wholesalers	16,000	14,600	14,300
Professional and Commercial Equipment Merchant Wholesalers	23,700	22,300	21,700
Electrical and Electronic Goods Merchant Wholesalers	15,100	15,800	14,900
Machinery, Equipment and Supplies Merchant Wholesalers	17,700	17,100	16,000
Miscellaneous Durable Goods Merchant Wholesalers	20,800	21,100	21,600
Residual-Furniture and Home Furnishing Merchant Wholesalers	29,300	28,800	29,000
Merchant Wholesalers, Nondurable Goods	80,800	82,800	83,000
Apparel, Piece Gds & Notions Merch whole	19,200	19,600	19,600
Grocery & Related Products Merchant whole	27,000	28,100	27,700
Residual-Paper and Paper Products Merchant Wholesalers	19,400	19,800	20,800
Misc Nondurable Merchant Wholesalers	15,300	15,300	15,000
Wholesale Electronic Markets and Agents and Brokers	15,900	16,900	17,400
Retail Trade	391,300	394,800	398,900
Motor Vehicle and Parts Dealer	50,900	50,800	51,100
Automobile Dealers	33,600	34,600	35,900
Other Motor Vehicle Dealers	2,100	2,100	2,200
Automotive Parts, Accessories and Tire Stores	15,100	14,100	13,000
Furniture and Home Furnishings Stores	14,300	14,700	15,800
Electronics and Appliance Stores	22,500	21,300	19,500
Building Material and Garden Equipment Stores	21,300	23,300	24,700
Food and Beverage Stores	79,200	80,800	81,800
Grocery Stores	63,300	64,500	65,400
Residual-Specialty Food Stores	15,900	16,200	16,400
Health and Personal Care Stores	25,800	27,800	27,700
Gasoline Stations	11,300	10,900	11,300
Clothing and Clothing Accessories Stores	46,400	47,200	49,100
Sporting Goods, Hobby, Book and Music Stores	24,300	24,200	23,600
Sporting Goods, Hobby and Musical Instrument Stores	13,500	13,800	13,500
Book, Periodical and Music Stores	10,900	10,400	10,100

*March 2002 Benchmark figures.

Los Angeles County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
2000–2002 Annual Averages*

Industry Title	2000	2001	2002
General Merchandise Stores	57,400	56,700	58,200
Department Stores	43,400	47,600	42,300
Other General Merchandise Stores	14,000	14,300	15,800
Miscellaneous Store Retailers	28,200	28,200	28,500
Nonstore Retailers	9,600	8,800	7,800
Transportation, Warehousing and Utilities	174,400	175,600	169,900
Utilities	12,400	12,100	11,900
Transportation and Warehousing	162,000	163,500	158,000
Air Transportation	29,500	29,500	25,700
Residual-Rail Transportation	5,800	5,600	5,400
Truck Transportation	32,100	32,100	31,200
Transit and Ground Passenger Transportation	12,600	11,900	11,900
Support Activities for Transportation	39,700	41,700	43,700
Couriers and Messengers	24,200	24,700	22,100
Warehousing and Storage	18,200	18,200	18,000
Information	242,600	226,300	208,800
Publishing Industries (except Internet)	24,500	23,300	20,800
Newspaper, Periodical, Book and Directory Publishers	17,800	16,900	14,900
Software Publishers	6,700	6,300	5,900
Motion Picture and Sound Recording	138,900	126,100	121,100
Broadcasting (except Internet)	19,700	19,300	17,600
Radio and Television Broadcasting	13,600	13,300	12,500
Cable and Other Subscription Programming	6,100	5,900	5,100
Telecommunications	35,600	36,200	32,900
Wired Telecommunications Carriers	3,200	2,800	2,500
Wireless Telecommunications Carriers	5,600	5,900	4,900
Telecommunications Resellers	18,000	17,300	15,300
Satellite Telecommunications	5,500	5,600	5,200
Cable and Other Program Distribution	2,800	4,200	4,800
Other Telecommunications	500	300	200
Internet Service Providers, Web Search Portals and Data Processing	18,700	17,000	12,600
Residual-Other Information Services	5,300	4,500	3,900
Financial Activities	218,700	228,900	231,200
Finance and Insurance	145,100	156,200	158,400
Credit Intermediation and Related Activities	62,100	70,700	74,300
Depository Credit Intermediation	41,600	48,500	49,700
Nondepository Credit Intermediation	13,300	14,300	15,200
Activities Related to Credit Intermediation	7,200	7,900	9,400
Securities, Commodity Contracts and Investments	25,200	25,700	24,700
Insurance Carriers and Related	55,300	57,100	56,600
Insurance Carriers	28,800	30,600	29,200
Agencies, Brokerages, and Other Insurance Related Activities	26,500	26,500	27,400
Residual-Other Finance	2,400	2,700	2,900

Los Angeles County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
2000–2002 Annual Averages*

Industry Title	2000	2001	2002
Real Estate and Rental and Leasing	73,700	72,700	72,800
Real Estate	48,900	48,300	48,800
Lessors of Real Estate	19,800	18,600	17,500
Offices of Real Estate Agents and Brokers	10,600	10,800	11,600
Activities Related to Real Estate	18,500	18,900	19,700
Rental and Leasing Services	23,600	23,400	23,100
Automotive Equipment Rental and Leasing	8,100	8,100	8,200
Residual-Consumer Goods Rental	15,600	15,200	14,900
Lessors of Nonfinancial Intangible Assets	1,100	1,000	900
Professional and Business Services	598,200	588,000	578,300
Professional, Scientific and Technical Services	227,400	233,600	231,600
Legal Services	46,300	48,000	48,900
Accounting, Tax Preparation and Bookkeeping Services	34,500	36,300	37,000
Architectural, Engineering and Related Services	29,700	30,500	30,300
Specialized Design Services	8,300	8,300	7,900
Computer Systems Design and Related Services	26,900	27,900	26,500
Management, Scientific and Technical Consulting Services	23,800	25,500	25,200
Scientific Research and Development Services	13,500	13,400	12,800
Advertising and Related Services	25,700	25,100	23,800
Other Professional, Scientific and Technical Services	18,700	18,700	19,200
Management of Companies and Enterprises	96,600	84,400	83,400
Administrative and Support and Waste Services	274,200	270,000	263,400
Administrative and Support Services	265,500	261,400	254,600
Office Administrative Services	10,500	11,300	12,500
Employment Services	131,400	126,100	115,200
Business Support Services	18,100	17,900	16,700
Travel Arrangement and Reservation Services	13,400	13,300	12,300
Investigation and Security Services	40,500	40,900	45,500
Services to Buildings and Dwellings	40,200	40,700	41,300
Residual-Other Support Services	11,500	11,200	11,100
Waste Management and Remediation Services	8,600	8,600	8,800
Waste Treatment and Disposal	4,400	4,400	4,600
Residual-Waste Collection and Remediation Services	4,300	4,300	4,300
Educational and Health Services	416,200	432,200	449,300
Educational Services	86,100	88,600	92,600
Elementary and Secondary Schools	22,400	23,900	25,400
Junior Colleges	5,100	6,500	7,000
Colleges, Universities and Professional Schools	41,100	40,600	41,900
Residual- Business, Technical Schools and Support Training	17,500	17,600	18,300
Health Care and Social Assistance	330,200	343,600	356,700
Ambulatory Health Care Services	129,200	132,700	139,300
Offices of Physicians	58,800	59,800	61,400
Offices of Dentists	24,000	24,900	25,900
Offices of Other Health Practitioners	11,400	12,200	13,900
Outpatient Care Centers	13,300	13,900	14,000
Residual-Other Ambulatory Health Care Services	21,600	21,800	24,100

Los Angeles County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
2000–2002 Annual Averages*

Industry Title	2000	2001	2002
Hospitals	99,500	102,100	105,600
Nursing and Residential Care Facilities	57,800	60,900	62,300
Nursing Care Facilities	29,400	30,900	31,100
Residential Mental Retardation, Mental and Substance Abuse Care	16,500	17,200	17,700
Residual-Other Residential Care Facilities	11,800	12,800	13,600
Social Assistance	43,800	47,900	49,500
Individual and Family Services	16,000	17,700	18,700
Vocational Rehabilitation Services	9,000	9,800	8,600
Child Day Care Services	15,000	15,900	17,500
Community Food & Housing, & Emergency & Other Relief Services	3,900	4,500	4,700
Leisure and Hospitality	344,300	348,500	353,300
Arts, Entertainment, and Recreation	62,500	62,900	64,800
Performing Arts, Spectator Sports	28,000	26,800	27,800
Spectator Sports	5,500	4,800	5,100
Independent Artists, Writers, and Performers	11,200	10,800	11,700
Residual-Performing Arts Companies	11,300	11,200	11,100
Museums, Historical Sites, and Similar Institutions	3,600	3,800	3,800
Amusement, Gambling, and Recreation	30,900	32,300	33,200
Gambling Industries	6,500	6,900	7,100
Other Amusement and Recreation	21,400	22,200	22,700
Amusement Parks and Arcades	3,100	3,300	3,300
Accommodation and Food Service	281,900	285,600	288,500
Accommodation	39,900	39,100	36,400
Food Services and Drinking Places	241,900	246,500	252,100
Full-Service Restaurants	112,200	114,900	117,600
Limited-Service Eating Places	110,600	112,600	113,600
Special Food Services	12,500	12,000	13,600
Drinking Places (Alcoholic Beverages)	6,600	7,000	7,300
Other Services	139,700	143,200	145,200
Repair and Maintenance	41,000	41,200	41,700
Personal and Laundry Services	44,900	45,600	46,300
Residual-Personal Care Services	29,800	29,500	29,800
Other Personal Services	15,100	16,100	16,500
Religious, Grantmaking, Civic, Professional and Similar Organizations	53,800	56,300	57,300

Los Angeles County
Wage and Salary Employment by Industry
 (Data Not Seasonally Adjusted)
 2000–2002 Annual Averages*

Industry Title	2000	2001	2002
Government	581,300	598,300	605,900
Federal Government	57,900	54,400	54,300
Department of Defense	3,700	3,700	3,600
Other Federal Government	54,200	50,700	50,700
State and Local Government	523,300	543,900	551,600
State Government	77,100	79,500	80,800
State Government Education	46,200	47,500	48,500
Other State Government	30,900	32,000	32,300
Local Government	446,200	464,500	470,800
Local Government Education	249,000	260,400	264,100
County	90,200	93,400	94,500
City	86,900	89,600	91,000
Other Local Government	20,100	21,100	21,300

Los Angeles County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2000*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Total, All Industries	3,999,500	4,039,000	4,070,400	4,078,000	4,096,500	4,089,000	4,045,500	4,055,400	4,092,100	4,105,000	4,132,300	4,154,300	4,079,800
Total Farm	6,600	7,100	7,100	7,700	8,000	8,100	7,900	8,300	8,600	7,700	7,300	7,500	7,700
Total Nonfarm	3,992,900	4,031,900	4,063,300	4,070,300	4,088,500	4,080,900	4,037,600	4,047,100	4,083,500	4,097,300	4,125,000	4,146,800	4,072,100
Total Private	3,417,800	3,451,100	3,475,000	3,480,500	3,483,400	3,495,300	3,477,900	3,494,600	3,510,800	3,514,500	3,533,500	3,555,700	3,490,800
Goods Producing	740,000	745,700	752,000	750,000	749,000	754,800	744,700	744,200	746,900	742,300	741,300	745,500	746,400
Natural Resources and Mining	3,400	3,400	3,400	3,300	3,400	3,400	3,300	3,300	3,300	3,300	3,300	3,600	3,400
Construction	126,400	126,800	128,500	128,600	130,100	132,300	130,900	133,200	134,700	135,400	135,900	137,300	131,700
Construction of Buildings	30,700	30,800	31,300	30,700	30,900	31,700	31,100	31,600	32,100	31,900	32,100	32,300	31,400
Residential Building Construction	16,700	16,900	17,300	16,300	16,500	17,100	16,800	17,100	17,500	17,500	17,600	17,700	17,100
Nonresidential Building Construction	14,000	13,900	14,000	14,400	14,400	14,600	14,300	14,500	14,600	14,400	14,500	14,600	14,400
Heavy and Civil Engineering Construction	13,100	13,400	13,700	14,000	14,500	14,300	14,000	14,200	14,400	14,700	14,700	14,800	14,200
Specialty Trade Contractors	82,600	82,600	83,500	83,900	84,700	86,300	85,800	87,400	88,200	88,800	89,100	90,200	86,100
Building Foundation and Exterior Contractors	16,800	16,000	16,300	16,800	16,800	17,200	17,200	17,600	17,900	17,600	17,600	17,900	17,100
Building Equipment Contractors	33,200	33,500	33,700	33,700	34,300	34,600	34,200	35,000	35,200	35,600	35,800	36,400	34,600
Building Finishing Contractors	23,300	23,700	23,900	23,700	23,800	24,600	24,600	24,900	25,000	25,600	25,700	25,800	24,600
Other Specialty Trade Contract	9,300	9,400	9,600	9,700	9,800	9,900	9,800	9,900	10,100	10,000	10,000	10,100	9,800
Manufacturing	610,200	615,500	620,100	618,100	615,500	619,100	610,500	607,700	608,900	603,600	602,100	604,600	611,300
Durable Goods	343,500	345,700	346,000	343,900	342,800	344,200	341,000	340,200	339,900	338,300	337,700	339,000	341,900
Residual-Wood Product Manufacturing	17,000	17,900	18,500	18,700	18,700	18,700	18,300	18,600	18,600	18,500	18,400	18,600	18,400
Primary Metal Manufacturing	13,000	13,200	13,200	12,900	12,800	12,900	12,800	12,900	13,000	12,800	12,700	12,800	12,900
Fabricated Metal Product Mfg	60,100	60,800	61,000	60,900	60,900	62,100	61,500	61,400	61,400	61,700	61,800	61,900	61,300
Machinery Manufacturing	29,600	29,600	29,700	29,700	29,600	29,800	29,600	29,700	29,700	29,700	29,500	29,600	29,700
Computer and Electronic Product Manufacturing	71,000	71,200	70,800	70,600	70,200	70,600	70,100	70,400	70,100	70,200	70,500	70,800	70,500
Electronic Instrument Manufacturing	40,900	40,700	40,600	40,300	40,100	40,100	40,200	40,300	40,000	40,700	40,800	40,800	40,500
Residual-Computer and Peripheral Equipment Manufacturing	30,100	30,500	30,200	30,300	30,100	30,500	29,900	30,100	30,100	29,500	29,700	30,000	30,100
Electrical Equipment and Appliance Manufacturing	14,100	13,900	13,700	13,700	13,900	14,100	14,300	14,400	14,400	14,200	14,200	14,400	14,100
Transportation Equipment Manufacturing	75,400	75,100	74,700	74,100	73,400	72,300	71,400	69,700	69,500	68,900	68,600	69,000	71,800
Aerospace Product and Parts Manufacturing	55,800	55,300	54,800	54,200	53,800	52,600	51,700	50,300	50,200	49,200	49,000	49,400	52,200
Residual-Other Transportation Equipment Manufacturing	19,600	19,800	19,900	19,900	19,600	19,700	19,700	19,400	19,300	19,700	19,600	19,600	19,700
Furniture and Related Product Manufacturing	33,300	33,700	33,900	32,800	33,100	33,300	33,000	32,900	32,900	31,900	31,700	31,700	32,900
Household and Institutional Furniture Manufacturing	23,000	23,200	23,400	22,600	22,700	22,900	22,900	23,000	22,900	22,200	22,100	22,000	22,700
Residual-Other Furniture Related Product Manufacturing	10,300	10,500	10,500	10,200	10,400	10,400	10,100	9,900	10,000	9,700	9,600	9,700	10,100
Miscellaneous Manufacturing	30,000	30,300	30,500	30,500	30,200	30,400	30,000	30,200	30,300	30,400	30,300	30,200	30,300

*March 2002 Benchmark figures.

Los Angeles County
Wage and Salary Employment by Industry
 (Data Not Seasonally Adjusted)
 Monthly January–December 2000*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Nondurable Goods	266,700	269,800	274,100	274,200	272,700	274,900	269,500	267,500	269,000	265,300	264,400	265,600	269,500
Food Manufacturing	45,400	45,300	45,500	45,400	44,600	45,400	45,500	45,500	45,200	46,000	46,100	46,400	45,500
Dairy Product Manufacturing	5,400	5,400	5,300	5,400	5,400	5,500	5,400	5,400	5,400	5,400	5,400	5,400	5,400
Animal Slaughtering and Processing	6,000	6,100	6,100	6,100	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,100	6,000
Bakeries and Tortilla Manufacturing	17,600	17,600	17,700	17,600	17,400	17,600	17,800	17,700	17,700	17,500	17,500	17,800	17,600
Residual-Other Food Manufacturing	16,400	16,200	16,400	16,300	15,800	16,300	16,300	16,400	16,100	17,100	17,200	17,100	16,500
Beverage and Tobacco Product Mfg	4,400	4,400	4,400	4,100	4,200	4,300	4,300	4,300	4,300	4,100	4,200	4,400	4,300
Textile Mills	14,200	14,400	14,800	14,900	14,800	14,600	14,300	14,000	13,900	13,700	13,500	13,400	14,200
Apparel Manufacturing	90,700	93,100	96,100	95,900	95,700	96,300	92,800	91,500	92,200	88,300	87,600	87,400	92,300
Cut and Sew Apparel Manufacturing	84,800	87,000	89,900	89,800	89,600	90,100	86,600	85,200	85,800	81,700	81,000	80,800	86,000
Residual-Apparel Accessories and Other Apparel Manufacturing	5,900	6,100	6,200	6,100	6,100	6,200	6,200	6,300	6,400	6,600	6,600	6,600	6,300
Residual-Textile Product Mills	12,900	13,400	13,900	13,500	13,600	13,800	12,800	12,700	13,700	13,500	13,600	13,900	13,400
Paper Manufacturing	13,300	13,400	13,400	13,500	13,400	13,500	13,300	13,300	13,300	13,200	13,000	13,100	13,300
Printing and Related Support Activities	29,900	29,800	29,500	30,400	30,200	30,300	30,100	30,100	30,300	30,200	30,100	30,100	30,100
Petroleum and Coal Products Manufacturing	6,200	6,100	6,400	6,000	6,000	6,000	5,900	5,800	5,800	5,600	5,500	6,100	6,000
Chemical Manufacturing	25,300	25,400	25,500	26,000	25,800	25,900	25,900	25,800	25,800	26,000	26,100	26,000	25,800
Pharmaceutical and Medicine Manufacturing	6,800	6,800	6,800	6,700	6,700	6,700	6,800	6,800	6,800	7,000	7,000	6,700	6,800
Paint, Coating, and Adhesive M	4,000	4,100	4,000	4,000	4,000	4,000	3,900	3,900	3,900	3,900	3,800	3,900	4,000
Residual-Other Chemical Products and Preparation Manufacturing	14,500	14,500	14,700	15,300	15,100	15,200	15,200	15,100	15,100	15,100	15,300	15,400	15,000
Plastics and Rubber Products Manufacturing	24,400	24,500	24,600	24,500	24,400	24,800	24,600	24,500	24,500	24,700	24,700	24,800	24,600

*March 2002 Benchmark figures.

Los Angeles County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2000*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Service Providing	3,252,900	3,286,200	3,311,300	3,320,300	3,339,500	3,326,100	3,292,900	3,302,900	3,336,600	3,355,000	3,383,700	3,401,300	3,325,700
Trade, Transportation and Utilities	776,400	775,600	777,400	774,000	775,200	779,700	779,100	782,600	785,600	790,900	803,300	817,300	784,800
Wholesale Trade	217,000	218,400	219,700	218,000	218,000	219,300	220,000	220,600	220,600	219,200	219,200	219,600	219,100
Merchant Wholesalers, Durable Goods	121,500	122,500	123,100	121,200	121,100	122,700	123,100	123,200	123,400	122,300	122,200	123,100	122,500
Motor Vehicle and Motor Vehicle Parts Merchant Wholesalers	15,900	15,900	15,900	15,700	15,600	15,800	16,200	16,300	16,300	16,000	15,900	15,900	16,000
Professional and Commercial Equipment Merchant Wholesalers	23,600	23,600	23,700	23,600	23,600	24,000	24,100	24,000	23,900	23,300	23,300	23,400	23,700
Electrical and Electronic Goods Merchant Wholesalers	15,300	15,300	15,400	14,800	14,800	15,000	14,900	15,100	14,900	15,000	15,100	15,400	15,100
Machinery, Equipment and Supplies Merchant Wholesalers	17,800	17,800	17,900	17,500	17,500	17,600	17,800	17,700	17,700	17,600	17,600	17,700	17,700
Miscellaneous Durable Goods Merchant Wholesalers	20,000	20,400	20,500	20,700	20,400	20,900	20,900	21,000	21,200	21,100	21,200	21,300	20,800
Residual-Furniture and Home Furnishing Merchant Wholesalers	28,900	29,500	29,700	28,900	29,200	29,400	29,200	29,100	29,400	29,300	29,100	29,400	29,300
Merchant Wholesalers, Nondurable Goods	79,900	80,100	80,800	81,100	81,100	80,800	81,100	81,400	81,200	81,000	81,100	80,400	80,800
Apparel, Piece Gds & Notions Merch whole	18,500	18,700	19,100	19,500	19,500	19,300	19,300	19,100	19,400	19,300	19,300	19,400	19,200
Grocery & Related Products Merchant whole	26,800	26,400	26,500	26,800	26,900	27,300	27,100	27,200	27,400	27,100	27,200	27,300	27,000
Residual-Paper and Paper Products Merchant Wholesalers	19,900	20,100	20,200	19,600	19,400	18,700	19,400	19,600	18,700	19,000	19,300	18,500	19,400
Misc Nondurable Merchant Wholesalers	14,700	14,900	15,000	15,200	15,300	15,500	15,300	15,500	15,700	15,600	15,300	15,200	15,300
Wholesale Electronic Markets and Agents and Brokers	15,600	15,800	15,800	15,700	15,800	15,800	15,800	16,000	16,000	15,900	15,900	16,100	15,900
Retail Trade	387,200	384,200	384,800	382,400	383,200	386,300	386,700	388,800	391,200	394,200	406,600	419,600	391,900
Motor Vehicle and Parts Dealer	49,600	50,100	50,300	50,700	50,800	50,900	51,400	51,800	51,900	51,100	50,900	50,900	50,900
Automobile Dealers	32,800	33,200	33,400	33,300	33,200	33,500	33,900	34,200	34,400	33,700	33,800	33,900	33,800
Other Motor Vehicle Dealers	1,900	1,900	1,900	2,100	2,200	2,200	2,200	2,300	2,200	2,300	2,200	2,200	2,100
Automotive Parts, Accessories and Tire Stores	14,900	15,000	15,000	15,300	15,400	15,200	15,300	15,300	15,300	15,100	14,900	14,800	15,100
Furniture and Home Furnishings Stores	13,700	13,700	13,900	14,100	14,100	14,100	14,500	14,500	14,600	14,600	14,900	15,200	14,300
Electronics and Appliance Stores	22,600	22,500	22,700	22,500	22,300	22,400	22,100	22,300	22,500	22,500	22,600	23,100	22,500
Building Material and Garden Equipment Stores	20,700	20,800	20,800	21,300	21,500	21,700	21,500	21,500	21,600	21,600	21,400	21,700	21,300
Food and Beverage Stores	79,700	79,800	80,100	78,100	77,600	78,300	78,900	78,800	79,700	79,500	79,400	80,700	79,200
Grocery Stores	63,900	63,800	64,500	62,500	62,000	62,500	63,400	63,300	64,000	63,600	62,700	63,700	63,300
Residual-Specialty Food Stores	15,800	16,000	15,600	15,600	15,600	15,800	15,500	15,500	15,700	15,900	16,700	17,000	15,900
Health and Personal Care Stores	25,000	25,200	25,400	25,100	25,300	25,600	25,500	25,800	26,000	26,200	26,700	27,400	25,800
Gasoline Stations	11,500	11,500	11,600	11,400	11,300	11,400	11,200	11,300	11,300	11,000	10,900	11,100	11,300
Clothing and Clothing Accessories Stores	45,900	44,800	44,900	44,200	44,900	45,800	45,600	45,900	45,700	46,700	49,600	52,400	46,400
Sporting Goods, Hobby, Book and Music Stores	24,400	23,700	23,700	23,800	23,500	23,500	23,700	24,000	24,000	24,100	26,000	27,600	24,300
Sporting Goods, Hobby and Musical Instrument Stores	13,200	12,600	12,700	13,000	12,900	12,900	13,300	13,400	13,300	13,300	15,000	16,200	13,500

*March 2002 Benchmark figures.

Los Angeles County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2000*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Book, Periodical and Music Stores	11,200	11,100	11,000	10,800	10,600	10,600	10,400	10,600	10,800	10,800	11,000	11,400	10,900
General Merchandise Stores	57,600	55,200	54,000	54,000	54,300	55,200	54,600	55,100	55,700	58,500	65,600	69,400	57,400
Department Stores	44,300	41,800	40,500	40,700	41,000	41,500	41,000	41,300	41,800	43,900	50,100	52,900	43,400
Other General Merchandise Stores	13,300	13,400	13,500	13,300	13,300	13,600	13,600	13,900	13,900	14,600	15,500	16,400	14,000
Miscellaneous Store Retailers	27,700	27,900	28,100	27,700	27,900	27,900	27,900	28,100	28,500	28,600	28,800	29,700	28,200
Nonstore Retailers	8,800	9,000	9,300	9,500	9,700	9,500	9,800	9,700	9,700	9,800	9,800	10,400	9,600
Transportation, Warehousing and Utilities	172,200	173,000	172,900	173,600	174,000	174,100	172,400	173,200	173,800	177,500	177,500	178,100	174,400
Utilities	12,700	12,700	12,600	12,500	12,400	12,400	12,200	12,200	12,100	12,200	12,100	12,300	12,400
Transportation and Warehousing	159,500	160,300	160,300	161,100	161,600	161,700	160,200	161,000	161,700	165,300	165,400	165,800	162,000
Air Transportation	28,900	29,000	28,800	29,100	29,100	29,400	29,600	29,800	29,700	29,800	30,000	30,400	29,500
Residual-Rail Transportation	5,800	5,900	5,900	5,900	5,800	5,900	5,800	5,800	5,900	5,500	5,500	5,400	5,800
Truck Transportation	31,300	31,400	31,500	31,900	32,300	32,400	31,800	31,900	32,300	32,800	32,900	33,000	32,100
Transit and Ground Passenger Transportation	12,600	12,800	12,700	12,200	12,400	12,300	12,000	11,900	12,300	13,200	13,200	13,300	12,600
Support Activities for Transportation	37,900	38,400	38,700	39,500	39,700	39,600	39,000	39,600	39,500	42,100	41,600	40,700	39,700
Couriers and Messengers	24,600	24,500	24,400	24,400	24,200	23,900	23,800	23,900	23,800	24,000	24,200	24,900	24,200
Warehousing and Storage	18,400	18,300	18,300	18,100	18,100	18,200	18,200	18,100	18,200	17,900	18,000	18,100	18,200
Information	232,900	238,000	239,800	238,300	240,400	239,600	240,700	246,800	244,600	247,000	254,400	249,000	242,600
Publishing Industries (except Internet)	24,400	24,600	24,800	24,600	24,300	24,600	24,100	24,300	24,300	24,500	24,500	24,800	24,500
Newspaper, Periodical, Book and Directory Publishers	18,000	18,100	18,000	17,900	17,900	17,900	17,600	17,600	17,500	17,600	17,600	17,900	17,800
Software Publishers	6,400	6,500	6,800	6,700	6,400	6,700	6,500	6,700	6,800	6,900	6,900	6,900	6,700
Motion Picture and Sound Recording	135,500	138,900	139,700	135,000	135,900	133,800	135,900	141,100	138,800	140,900	148,300	143,100	138,900
Broadcasting (except Internet)	18,600	18,800	18,700	20,100	20,100	20,300	19,300	19,600	19,700	20,300	20,500	20,500	19,700
Radio and Television Broadcasting	12,900	12,900	12,900	14,000	14,100	14,300	13,200	13,400	13,600	14,000	14,200	14,200	13,600
Cable and Other Subscription Programming	5,700	5,900	5,900	6,100	6,000	6,000	6,100	6,200	6,100	6,300	6,200	6,300	6,100
Telecommunications	34,400	34,700	35,000	35,100	35,300	35,500	36,000	36,000	36,000	36,200	36,500	36,200	35,800
Wired Telecommunications Carriers	3,000	3,200	3,200	3,200	3,300	3,400	3,100	3,200	3,200	3,300	3,300	3,300	3,200
Wireless Telecommunications Carriers	5,200	5,300	5,400	5,500	5,600	5,600	5,700	5,700	5,600	5,800	6,000	5,900	5,600
Telecommunications Resellers	17,600	17,800	17,900	17,700	17,700	17,900	18,400	18,300	18,300	18,300	18,300	18,000	18,000
Satellite Telecommunications	5,200	5,200	5,200	5,500	5,500	5,500	5,700	5,700	5,800	5,700	5,600	5,700	5,500
Cable and Other Program Distribution	2,900	2,900	3,000	2,700	2,800	2,600	2,600	2,600	2,600	2,700	2,800	2,800	2,800
Other Telecommunications	500	300	300	500	400	500	500	500	500	400	500	500	500
Internet Service Providers, Web Search Portals and Data Processing	16,200	16,800	17,500	18,500	19,200	19,800	19,600	19,900	19,900	19,100	18,900	18,600	18,700
Residual-Other Information Services	3,800	4,200	4,100	5,000	5,600	5,600	5,800	5,900	5,900	6,000	5,700	5,800	5,300

*March 2002 Benchmark figures.

Los Angeles County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2000*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Financial Activities	218,300	219,500	219,500	219,400	219,500	220,100	217,400	218,000	218,000	217,700	217,500	219,900	218,700
Finance and Insurance	144,900	145,800	145,300	146,200	146,000	146,000	143,800	144,300	144,200	144,400	144,300	145,700	145,100
Credit Intermediation and Related Activities	62,300	62,800	62,400	62,500	62,300	62,200	61,200	61,500	61,500	62,000	62,000	62,400	62,100
Depository Credit Intermediation	41,600	42,100	41,800	41,600	41,500	41,400	41,400	41,500	41,500	41,300	41,300	41,600	41,600
Nondepository Credit Intermediation	13,500	13,500	13,400	13,500	13,500	13,500	12,700	12,700	12,800	13,500	13,600	13,600	13,300
Activities Related to Credit Intermediation	7,200	7,200	7,200	7,400	7,300	7,300	7,100	7,300	7,200	7,200	7,100	7,200	7,200
Securities, Commodity Contracts and Investments	24,000	24,400	24,600	25,100	25,200	25,300	25,200	25,400	25,400	25,800	26,000	26,200	25,200
Insurance Carriers and Related	56,100	56,200	56,000	56,200	56,100	56,000	54,900	55,000	54,800	54,100	54,000	54,700	55,300
Insurance Carriers	29,500	29,400	29,300	29,700	29,500	29,600	28,500	28,500	28,400	27,900	27,600	28,100	28,800
Agencies, Brokerages, and Other Insurance Related Activities	26,700	26,800	26,700	26,500	26,600	26,500	26,500	26,500	26,400	26,300	26,300	26,600	26,500
Residual-Other Finance	2,500	2,400	2,300	2,400	2,400	2,500	2,500	2,400	2,500	2,500	2,300	2,400	2,400
Real Estate and Rental and Leasing	73,400	73,700	74,200	73,200	73,500	74,100	73,600	73,700	73,800	73,300	73,200	74,200	73,700
Real Estate	49,000	49,100	49,300	48,700	48,800	49,100	48,700	48,800	48,900	48,600	48,700	49,400	48,900
Lessors of Real Estate	19,600	19,700	19,700	19,700	19,600	19,800	19,900	20,000	20,100	19,700	19,700	19,900	19,800
Offices of Real Estate Agents and Brokers	10,700	10,800	10,800	10,400	10,600	10,500	10,500	10,500	10,500	10,600	10,600	10,900	10,600
Activities Related to Real Estate	18,700	18,700	18,800	18,700	18,600	18,700	18,300	18,300	18,200	18,300	18,300	18,600	18,500
Rental and Leasing Services	23,400	23,400	23,700	23,400	23,600	23,900	23,800	23,800	23,800	23,600	23,400	23,700	23,600
Automotive Equipment Rental and Leasing	7,900	7,800	8,000	7,900	8,000	8,100	8,200	8,200	8,200	8,200	8,200	8,200	8,100
Residual-Consumer Goods Rental	15,500	15,600	15,700	15,500	15,600	15,800	15,600	15,600	15,600	15,400	15,200	15,500	15,600
Lessors of Nonfinancial Intangible Assets	1,000	1,200	1,200	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Professional and Business Services	577,800	584,100	588,800	595,700	592,900	597,400	600,200	605,000	606,600	609,300	609,600	610,500	598,200
Professional, Scientific and Technical Services	221,500	224,700	225,700	227,700	225,100	226,700	225,600	227,200	227,500	229,800	231,500	236,300	227,400
Legal Services	45,300	45,700	45,600	46,000	46,200	46,800	46,600	46,600	46,200	46,600	46,800	47,700	46,300
Accounting, Tax Preparation and Bookkeeping Services	36,900	37,800	37,900	36,700	33,100	32,300	32,100	32,400	32,800	32,800	33,400	35,700	34,500
Architectural, Engineering and Related Services	29,000	29,000	29,100	29,500	29,500	30,000	29,700	29,800	29,500	30,300	30,500	30,900	29,700
Specialized Design Services	8,300	8,500	8,600	8,300	8,400	8,500	8,000	8,100	8,200	8,100	8,400	8,400	8,300
Computer Systems Design and Related Services	25,300	25,800	26,000	26,300	26,600	27,000	26,900	27,400	27,800	27,800	27,900	28,400	26,900
Management, Scientific and Technical Consulting Services	20,700	21,300	21,700	23,200	23,300	23,700	24,200	24,400	24,700	26,000	25,800	26,100	23,800
Scientific Research and Development Services	13,200	13,400	13,500	13,400	13,500	13,500	13,500	13,500	13,400	13,500	13,500	13,700	13,500
Advertising and Related Services	25,200	25,400	25,500	25,500	25,500	25,900	25,400	25,500	25,600	25,900	26,200	26,300	25,700
Other Professional, Scientific and Technical Services	17,600	17,800	17,800	18,800	19,000	19,000	19,200	19,500	19,300	18,800	19,000	19,100	18,700
Management of Companies and Enterprises	95,000	95,200	95,400	96,700	96,400	97,000	98,000	98,200	98,100	95,800	96,100	96,700	96,600

*March 2002 Benchmark figures.

Los Angeles County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2000*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Administrative and Support and Waste Services	261,300	264,200	267,700	271,300	271,400	273,700	276,600	279,600	281,000	283,700	282,000	277,500	274,200
Administrative and Support Services	252,700	255,500	258,800	262,700	262,900	265,100	268,000	270,900	272,300	275,200	273,400	268,800	265,500
Office Administrative Services	10,200	10,300	10,500	10,500	10,400	10,500	10,300	10,500	10,600	10,600	10,800	11,000	10,500
Employment Services	123,300	124,000	126,500	128,900	128,800	131,000	133,400	134,600	135,000	139,300	137,000	134,400	131,400
Business Support Services	17,800	18,400	18,400	18,900	18,000	18,100	17,600	17,700	17,900	18,200	18,600	17,800	18,100
Travel Arrangement and Reservation Services	13,000	13,300	13,500	13,600	13,500	13,600	13,500	13,600	13,400	13,500	13,400	13,400	13,400
Investigation and Security Services	39,800	40,100	40,500	39,200	39,600	39,900	40,400	41,200	42,200	40,600	41,300	41,100	40,500
Services to Buildings and Dwellings	39,100	39,500	39,700	40,000	40,300	40,400	40,100	40,600	40,600	40,800	40,400	40,400	40,200
Residual-Other Support Services	9,500	9,900	9,700	11,600	12,300	11,600	12,700	12,700	12,600	12,200	11,900	10,700	11,500
Waste Management and Remediation Services	8,600	8,700	8,900	8,600	8,500	8,600	8,600	8,700	8,700	8,500	8,600	8,700	8,600
Waste Treatment and Disposal	4,500	4,500	4,500	4,300	4,200	4,200	4,300	4,400	4,400	4,300	4,300	4,300	4,400
Residual-Waste Collection and Remediation Services	4,100	4,200	4,400	4,300	4,300	4,400	4,300	4,300	4,300	4,200	4,300	4,400	4,300
Educational and Health Services	407,400	416,100	419,400	422,300	420,200	412,300	406,600	407,900	418,300	420,400	420,800	423,000	416,200
Educational Services	83,200	90,100	91,100	92,300	90,200	80,400	76,200	76,100	84,500	89,300	89,900	89,300	86,100
Elementary and Secondary Schools	22,600	23,000	23,100	23,100	23,200	22,600	19,800	18,400	22,500	23,200	23,600	23,500	22,400
Junior Colleges	4,700	4,800	4,800	5,100	5,100	5,200	5,200	5,300	5,100	5,100	5,200	5,300	5,100
Colleges, Universities and Professional Schools	38,100	43,600	44,300	45,100	43,000	36,200	34,400	35,100	40,500	44,300	44,700	44,300	41,100
Residual- Business, Technical Schools and Support Training	17,800	18,700	18,900	19,000	18,900	16,400	16,800	17,300	16,400	16,700	16,400	16,200	17,500
Health Care and Social Assistance	324,200	326,000	328,300	330,000	330,000	331,900	330,400	331,800	333,800	331,100	330,900	333,700	330,200
Ambulatory Health Care Services	126,400	127,300	128,200	128,400	128,300	129,200	129,500	130,000	130,700	130,200	130,100	131,500	129,200
Offices of Physicians	57,300	57,700	58,200	58,600	58,600	58,800	59,000	59,100	58,900	59,700	59,600	60,100	58,800
Offices of Dentists	23,400	23,400	23,700	23,900	23,900	24,200	23,900	24,000	24,300	24,400	24,300	24,700	24,000
Offices of Other Health Practitioners	10,900	11,100	11,100	11,300	11,400	11,500	11,500	11,600	11,600	11,600	11,700	11,800	11,400
Outpatient Care Centers	13,000	13,100	13,100	13,300	13,200	13,300	13,300	13,200	13,300	13,600	13,500	13,700	13,300
Residual-Other Ambulatory Health Care Services	21,800	22,000	22,100	21,300	21,200	21,400	21,800	22,100	22,600	20,900	21,000	21,200	21,600
Hospitals	100,200	100,200	100,400	100,000	99,700	100,100	99,200	99,500	99,300	98,300	98,100	98,600	99,500
Nursing and Residential Care Facilities	55,900	56,500	56,900	57,900	57,800	58,300	58,200	58,300	58,800	58,100	57,900	58,500	57,800
Nursing Care Facilities	29,000	29,300	29,500	29,400	29,200	29,400	29,500	29,700	30,100	29,400	29,300	29,400	29,400
Residential Mental Retardation, Mental and Substance Abuse Ce	15,600	15,700	15,900	16,800	17,000	17,200	16,900	16,600	16,800	16,600	16,600	16,800	16,500
Residual-Other Residential Care Facilities	11,300	11,500	11,500	11,700	11,600	11,700	11,800	12,000	11,900	12,100	12,000	12,300	11,800

*March 2002 Benchmark figures.

Los Angeles County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2000*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Social Assistance	41,700	42,000	42,800	43,700	44,200	44,300	43,500	44,000	45,000	44,500	44,800	45,100	43,800
Individual and Family Services	14,900	15,200	15,400	16,000	16,100	16,500	16,100	16,400	16,400	16,200	16,300	16,400	16,000
Vocational Rehabilitation Services	8,700	8,700	8,700	8,600	8,600	8,700	9,200	9,400	9,400	9,300	9,300	9,300	9,000
Child Day Care Services	14,700	14,900	15,100	15,200	15,400	15,200	14,100	14,000	15,100	15,200	15,300	15,400	15,000
Community Food & Housing, & Emergency & Other Relief Serv	3,400	3,200	3,600	3,900	4,100	3,900	4,100	4,200	4,100	3,800	3,900	4,000	3,900
Leisure and Hospitality	328,900	334,800	339,200	340,900	345,600	349,400	349,300	350,500	350,000	346,800	346,400	350,000	344,300
Arts, Entertainment, and Recreation	57,800	59,700	62,200	61,300	63,900	65,600	63,900	63,400	62,500	63,300	62,400	63,600	62,500
Performing Arts, Spectator Sports	25,200	26,300	28,400	26,800	28,800	29,600	28,100	27,400	28,200	29,000	28,600	29,500	28,000
Spectator Sports	4,500	4,600	5,200	5,400	5,900	6,500	6,200	5,900	6,100	4,700	5,300	5,800	5,500
Independent Artists, Writers, and Performers	11,000	11,300	12,600	10,300	11,300	11,300	10,800	9,900	10,600	12,300	11,700	11,500	11,200
Residual-Performing Arts Companies	9,700	10,400	10,600	11,100	11,600	11,800	11,100	11,600	11,500	12,000	11,600	12,200	11,300
Museums, Historical Sites, and Similar Institutions	3,500	3,600	3,600	3,600	3,600	3,600	3,600	3,600	3,500	3,600	3,600	3,600	3,600
Amusement, Gambling, and Recreation	29,100	29,800	30,200	30,900	31,500	32,400	32,200	32,400	30,800	30,700	30,200	30,500	30,900
Gambling Industries	6,100	6,200	6,200	6,400	6,400	6,400	6,500	6,600	6,600	6,700	6,700	6,700	6,500
Other Amusement and Recreation	20,600	21,000	21,200	21,300	21,500	22,100	21,700	22,100	21,300	21,200	21,000	21,400	21,400
Amusement Parks and Arcades	2,400	2,600	2,800	3,200	3,600	3,900	4,000	3,700	2,900	2,800	2,500	2,400	3,100
Accommodation and Food Service	271,100	275,100	277,000	279,600	281,700	283,800	285,400	287,100	287,500	283,500	284,000	286,400	281,900
Accommodation	38,700	39,200	39,600	39,600	39,400	39,600	41,300	41,400	41,100	39,400	39,600	40,000	39,900
Food Services and Drinking Places	232,400	235,900	237,400	240,000	242,300	244,200	244,100	245,700	246,400	244,100	244,400	246,400	241,900
Full-Service Restaurants	107,100	109,400	110,600	112,100	112,400	113,300	112,800	113,400	113,700	113,500	113,600	114,200	112,200
Limited-Service Eating Places	107,000	108,300	108,600	109,500	111,000	112,000	112,300	112,900	112,800	110,300	110,900	112,100	110,600
Special Food Services	11,800	11,700	11,700	11,900	12,200	12,200	12,400	12,600	13,200	13,600	13,300	13,300	12,500
Drinking Places (Alcoholic Beverages)	6,500	6,500	6,500	6,500	6,700	6,700	6,600	6,800	6,700	6,700	6,600	6,800	6,600
Other Services	136,100	137,300	138,900	139,900	140,600	142,000	139,900	139,600	140,800	140,100	140,200	140,600	139,700
Repair and Maintenance	39,500	39,500	40,300	41,000	41,200	41,800	41,400	41,700	42,000	41,100	40,800	41,300	41,000
Personal and Laundry Services	43,900	44,300	44,700	45,000	45,000	45,500	45,000	45,000	45,200	44,800	44,900	45,100	44,900
Residual-Personal Care Services	29,100	29,400	29,600	29,700	29,700	30,100	30,000	30,000	30,100	29,800	29,800	29,900	29,800
Other Personal Services	14,800	14,900	15,100	15,300	15,300	15,400	15,000	15,000	15,100	15,000	15,100	15,200	15,100
Religious, Grantmaking, Civic, Professional and Similar Organizations	52,700	53,500	53,900	53,900	54,400	54,700	53,500	52,900	53,600	54,200	54,500	54,200	53,800

*March 2002 Benchmark figures.

Los Angeles County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2000*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Government	575,100	580,800	588,300	589,800	605,100	585,600	559,700	552,500	572,700	582,800	591,500	591,100	581,300
Federal Government	56,300	56,500	57,500	59,000	73,300	57,000	58,400	56,000	55,200	54,900	54,900	56,200	57,900
Department of Defense	3,700	3,700	3,700	3,700	3,700	3,700	3,800	3,800	3,700	3,700	3,700	3,700	3,700
Other Federal Government	52,600	52,800	53,800	55,300	69,600	53,300	54,600	52,200	51,500	51,200	51,200	52,500	54,200
State and Local Government	518,800	524,300	530,800	530,800	531,800	528,600	501,300	496,500	517,500	527,900	536,600	534,900	523,300
State Government	75,600	76,400	77,800	78,300	77,500	78,200	76,000	75,000	74,600	77,600	79,200	78,900	77,100
State Government Education	45,000	45,800	47,200	47,600	46,900	47,400	45,000	43,900	43,400	46,400	47,800	47,600	46,200
Other State Government	30,600	30,600	30,600	30,700	30,600	30,800	31,000	31,100	31,200	31,200	31,400	31,300	30,900
Local Government	443,200	447,900	453,000	452,500	454,300	450,400	425,300	421,500	442,900	450,300	457,400	456,000	446,200
Local Government Education	249,100	253,400	257,600	257,400	258,300	252,400	224,800	220,900	244,100	254,500	258,900	256,800	249,000
County	89,000	89,200	89,700	89,100	89,700	90,700	90,800	91,000	91,000	90,900	90,900	90,900	90,200
City	84,800	85,000	85,300	85,900	86,200	87,100	89,600	89,500	87,600	87,100	87,200	87,500	86,900
Other Local Government	20,300	20,300	20,400	20,100	20,100	20,200	20,100	20,100	20,200	17,800	20,400	20,800	20,100

*March 2002 Benchmark figures.

Los Angeles County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2001*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Total, All Industries	4,072,100	4,097,100	4,131,500	4,107,600	4,102,200	4,104,200	4,034,600	4,041,500	4,059,700	4,072,900	4,072,100	4,088,300	4,082,000
Total Farm	7,500	7,900	8,100	8,800	8,900	9,000	8,900	9,100	9,000	8,500	7,600	7,600	8,400
Total Nonfarm	4,064,600	4,089,200	4,123,400	4,098,800	4,093,300	4,095,200	4,025,700	4,032,400	4,050,700	4,064,400	4,064,500	4,080,700	4,073,600
Total Private	3,471,700	3,492,500	3,517,500	3,492,000	3,485,200	3,486,200	3,450,300	3,458,600	3,462,100	3,459,700	3,457,500	3,470,400	3,475,300
Goods Producing	730,800	730,800	735,200	730,800	728,500	728,700	716,400	716,300	712,200	703,700	696,700	692,200	710,500
Natural Resources and Mining	3,900	3,800	3,800	3,800	3,800	3,800	3,800	3,800	3,800	3,800	3,800	3,800	3,800
Construction	132,400	132,400	134,400	134,700	136,300	137,800	138,000	140,500	139,400	139,600	138,400	138,000	136,800
Construction of Buildings	30,600	30,800	31,200	31,200	31,300	31,700	32,000	32,300	32,000	32,000	31,500	31,600	31,500
Residential Building Construction	17,300	17,400	17,800	17,700	17,800	18,000	17,900	18,100	17,900	18,000	17,700	17,700	17,800
Nonresidential Building Construction	13,300	13,400	13,400	13,500	13,500	13,700	14,100	14,200	14,100	14,000	13,800	13,900	13,700
Heavy and Civil Engineering Construction	14,600	14,500	15,100	14,900	14,900	15,000	14,800	15,300	15,500	15,600	15,800	15,900	15,200
Specialty Trade Contractors	87,200	87,100	88,100	88,600	90,100	91,100	91,200	92,900	91,900	92,000	91,100	90,500	90,200
Building Foundation and Exterior Contractors	17,400	17,600	17,900	18,900	19,600	19,600	19,400	20,000	19,800	19,900	19,500	19,200	19,100
Building Equipment Contractors	36,000	35,800	35,800	35,000	35,100	35,300	35,400	35,800	35,300	35,100	34,600	34,600	35,300
Building Finishing Contractors	24,300	24,300	24,700	25,000	25,600	26,400	26,800	27,500	27,300	27,400	27,300	27,000	26,100
Other Specialty Trade Contract	9,500	9,400	9,700	9,700	9,800	9,800	9,600	9,600	9,500	9,600	9,700	9,700	9,600
Manufacturing	594,500	594,600	597,000	592,300	588,400	587,100	574,600	572,000	569,000	560,300	554,500	550,400	577,900
Durable Goods	334,500	333,800	332,900	331,700	329,700	329,300	324,600	322,900	321,000	316,800	314,200	312,900	325,400
Residual-Wood Product Manufacturing	18,400	18,200	18,200	18,200	17,900	18,000	17,900	17,600	17,400	17,100	16,800	16,800	17,700
Primary Metal Manufacturing	13,100	13,100	13,000	12,700	12,500	12,400	12,200	12,300	12,200	12,000	11,800	11,700	12,400
Fabricated Metal Product Mfg	60,100	60,000	60,000	60,300	60,200	60,000	58,600	58,300	57,800	57,400	56,900	56,400	58,800
Machinery Manufacturing	26,300	26,000	25,900	26,200	26,100	26,600	27,000	26,200	26,000	25,500	25,200	25,100	26,000
Computer and Electronic Product Manufacturing	71,000	71,000	71,000	70,700	70,200	70,000	68,700	68,300	67,500	67,500	67,100	66,900	69,200
Electronic Instrument Manufacturing	40,200	40,400	40,600	40,700	40,800	41,200	40,500	40,600	40,400	40,300	40,200	40,400	40,500
Residual-Computer and Peripheral Equipment Manufacturing	30,800	30,600	30,400	30,000	29,400	28,800	28,200	27,700	27,100	27,200	26,900	26,500	28,000
Electrical Equipment and Appliance Manufacturing	14,700	14,800	14,900	14,600	14,700	14,500	14,300	14,200	14,200	14,000	13,900	13,800	14,400
Transportation Equipment Manufacturing	69,100	68,800	67,800	67,700	67,300	67,200	67,100	66,900	66,900	65,000	64,500	64,200	66,900
Aerospace Product and Parts Manufacturing	49,100	48,700	48,100	47,600	47,300	47,100	47,200	47,000	47,100	45,500	45,200	45,000	47,100
Residual-Other Transportation Equipment Manufacturing	20,000	20,100	19,700	20,100	20,000	20,100	19,900	19,900	19,800	19,500	19,300	19,200	19,800
Furniture and Related Product Manufacturing	32,300	32,500	32,600	32,100	31,700	31,600	30,400	30,700	30,900	30,500	30,400	30,500	31,400
Household and Institutional Furniture Manufacturing	22,300	22,400	22,400	22,200	22,000	22,000	21,100	21,300	21,600	21,400	21,300	21,400	21,800
Residual-Other Furniture Related Product Manufacturing	10,000	10,100	10,200	9,900	9,700	9,600	9,300	9,400	9,300	9,100	9,100	9,100	9,600
Miscellaneous Manufacturing	29,500	29,400	29,500	29,200	29,100	29,000	28,400	28,400	28,100	27,800	27,600	27,500	28,600

*March 2002 Benchmark figures.

Los Angeles County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2001*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Nondurable Goods	260,000	260,800	264,100	260,600	258,700	257,800	250,000	249,100	248,000	243,500	240,300	237,500	252,500
Food Manufacturing	45,300	45,600	45,900	45,800	45,400	45,500	45,100	45,400	45,900	45,900	45,900	45,500	45,600
Dairy Product Manufacturing	5,400	5,400	5,400	5,400	5,400	5,500	5,500	5,500	5,500	5,500	5,500	5,400	5,500
Animal Slaughtering and Processing	5,700	5,700	5,800	5,800	5,800	5,800	5,700	5,700	5,700	5,700	5,600	5,600	5,700
Bakeries and Tortilla Manufacturing	17,800	17,700	17,700	17,500	17,400	17,400	17,100	17,100	17,100	17,100	17,300	17,500	17,400
Residual-Other Food Manufacturing	16,400	16,800	17,000	17,100	16,800	16,800	16,800	17,100	17,600	17,600	17,500	17,000	17,000
Beverage and Tobacco Product Mfg	4,500	4,600	4,700	4,700	4,700	4,500	4,500	4,900	4,800	4,800	4,800	4,600	4,700
Textile Mills	13,100	13,000	13,200	12,900	12,600	12,400	12,100	11,900	12,000	11,700	11,600	11,700	12,400
Apparel Manufacturing	84,700	85,100	87,700	85,800	85,100	84,800	79,000	78,400	77,600	74,600	72,900	71,400	80,600
Cut and Sew Apparel Manufacturing	78,900	79,100	81,800	79,700	79,000	78,700	73,400	72,800	72,100	68,800	67,200	65,800	74,800
Residual-Apparel Accessories and Other Apparel Manufacturing	5,800	6,000	5,900	6,100	6,100	6,100	5,600	5,600	5,500	5,800	5,700	5,600	5,800
Residual-Textile Product Mills	12,700	12,800	12,400	12,100	12,100	12,400	12,400	12,400	12,300	12,200	12,000	12,000	12,300
Paper Manufacturing	13,100	13,000	13,000	12,900	12,800	12,800	12,700	12,500	12,600	12,400	12,400	12,300	12,700
Printing and Related Support Activities	30,400	30,300	30,500	30,200	30,200	30,100	29,500	29,400	29,100	28,900	28,500	28,400	29,600
Petroleum and Coal Products Manufacturing	6,200	6,200	6,300	6,100	6,000	5,900	5,700	5,600	5,500	5,400	5,300	5,200	5,800
Chemical Manufacturing	25,500	25,500	25,600	25,600	25,500	25,300	25,300	25,400	25,200	25,000	24,700	24,400	25,300
Pharmaceutical and Medicine Manufacturing	6,900	7,000	7,000	7,000	6,900	6,700	6,900	7,000	6,900	6,900	6,900	6,600	6,900
Paint, Coating, and Adhesive M	3,600	3,600	3,600	3,600	3,600	3,600	3,500	3,500	3,500	3,300	3,200	3,200	3,500
Residual-Other Chemical Products and Preparation Manufacturing	15,000	14,900	15,000	15,000	15,000	15,000	14,900	14,900	14,800	14,800	14,600	14,600	14,900
Plastics and Rubber Products Manufacturing	24,500	24,700	24,800	24,500	24,300	24,100	23,700	23,200	23,000	22,600	22,200	22,000	23,600

*March 2002 Benchmark figures.

Los Angeles County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2001*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Service Providing	3,333,800	3,358,400	3,388,200	3,368,000	3,364,800	3,366,500	3,309,300	3,316,100	3,338,500	3,360,700	3,367,800	3,388,500	3,355,100
Trade, Transportation and Utilities	792,700	787,100	790,000	787,100	786,300	790,100	784,500	785,400	788,000	786,400	793,700	806,000	789,800
Wholesale Trade	217,600	219,300	219,500	220,000	219,600	221,700	220,100	219,300	219,500	219,300	218,300	218,800	219,400
Merchant Wholesalers, Durable Goods	120,900	121,400	121,100	120,200	119,800	120,700	119,600	119,100	119,200	118,500	117,900	118,200	119,700
Motor Vehicle and Motor Vehicle Parts Merchant Wholesalers	15,000	14,500	14,100	14,800	14,600	14,900	14,600	14,700	14,600	14,400	14,300	14,500	14,600
Professional and Commercial Equipment Merchant Wholesalers	23,400	23,200	23,200	22,500	22,300	22,400	22,100	21,900	21,800	21,800	21,700	21,700	22,300
Electrical and Electronic Goods Merchant Wholesalers	15,400	16,000	16,000	16,100	16,100	16,000	15,700	15,600	15,500	15,700	15,600	15,600	15,800
Machinery, Equipment and Supplies Merchant Wholesalers	17,500	17,600	17,500	17,500	17,400	17,400	17,200	17,000	16,900	16,600	16,500	16,400	17,100
Miscellaneous Durable Goods Merchant Wholesalers	20,900	21,100	21,200	20,900	20,900	21,200	21,100	21,000	21,400	21,200	21,300	21,400	21,100
Residual-Furniture and Home Furnishing Merchant Wholesalers	28,700	29,000	29,100	28,400	28,500	28,800	28,900	28,900	29,000	28,800	28,500	28,600	28,800
Merchant Wholesalers, Nondurable Goods	80,300	81,400	81,900	83,200	83,200	84,100	83,400	83,200	83,300	83,200	83,000	83,000	82,800
Apparel, Piece Gds & Notions Merch whole	19,500	19,700	19,800	19,900	19,900	20,300	19,900	19,700	19,500	19,000	18,800	18,800	19,600
Grocery & Related Products Merchant whole	27,500	27,500	27,800	27,800	27,900	28,200	28,100	28,000	28,300	28,600	28,600	28,600	28,100
Residual-Paper and Paper Products Merchant Wholesalers	18,400	19,000	19,000	19,900	19,800	20,100	20,200	20,300	20,300	20,200	20,400	20,500	19,800
Misc Nondurable Merchant Wholesalers	14,900	15,200	15,300	15,600	15,600	15,500	15,200	15,200	15,200	15,400	15,200	15,100	15,300
Wholesale Electronic Markets and Agents and Brokers	16,400	16,500	16,500	16,600	16,600	16,900	17,100	17,000	17,000	17,600	17,400	17,600	16,900
Retail Trade	398,600	392,100	393,000	388,700	389,400	391,600	389,100	390,900	392,000	392,200	403,900	416,200	394,800
Motor Vehicle and Parts Dealer	50,500	50,500	50,900	50,900	51,100	51,300	51,100	51,400	51,200	50,500	50,400	50,300	50,800
Automobile Dealers	33,600	33,700	33,900	34,300	34,800	35,000	34,800	35,100	35,100	34,800	35,000	35,000	34,800
Other Motor Vehicle Dealers	2,200	2,100	2,200	2,200	2,200	2,200	2,300	2,200	2,200	2,000	1,900	2,000	2,100
Automotive Parts, Accessories and Tire Stores	14,700	14,700	14,800	14,400	14,100	14,100	14,000	14,100	13,900	13,700	13,500	13,300	14,100
Furniture and Home Furnishings Stores	14,400	14,500	14,600	14,700	14,700	14,800	14,400	14,400	14,500	14,500	15,200	15,600	14,700
Electronics and Appliance Stores	22,700	22,600	22,700	21,700	21,300	21,000	20,500	20,400	20,300	20,300	21,100	21,200	21,300
Building Material and Garden Equipment Stores	22,700	22,600	22,500	22,900	23,300	23,500	23,600	23,500	23,700	23,600	23,700	24,200	23,300
Food and Beverage Stores	79,900	79,300	79,600	79,800	79,800	80,200	80,300	80,700	81,300	82,400	82,700	83,100	80,800
Grocery Stores	64,100	63,400	63,500	63,300	63,500	63,800	64,300	64,600	65,400	66,400	66,100	66,000	64,500
Residual-Specialty Food Stores	15,800	15,900	16,100	16,500	16,300	16,400	16,000	16,100	15,900	16,000	16,600	17,100	16,200
Health and Personal Care Stores	27,300	27,500	28,000	27,400	27,600	28,000	27,300	27,700	27,800	28,200	28,300	28,900	27,800
Gasoline Stations	10,800	10,800	11,000	11,200	11,100	11,200	11,000	11,000	10,900	10,700	10,600	10,600	10,900
Clothing and Clothing Accessories Stores	48,500	46,300	46,500	45,900	45,800	46,600	46,900	47,000	46,800	46,400	48,700	51,500	47,200
Sporting Goods, Hobby, Book and Music Stores	24,900	24,200	24,000	23,800	23,600	23,500	23,200	23,700	24,000	23,600	25,400	26,500	24,200
Sporting Goods, Hobby and Musical Instrument Stores	14,100	13,400	13,300	13,400	13,400	13,400	13,300	13,600	13,800	13,500	15,100	15,800	13,800

*March 2002 Benchmark figures.

Los Angeles County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2001*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Book, Periodical and Music Stores	10,800	10,800	10,700	10,400	10,200	10,100	9,900	10,100	10,200	10,100	10,300	10,700	10,400
General Merchandise Stores	59,300	56,000	55,700	53,900	54,100	55,100	54,800	54,800	54,900	55,300	61,000	65,800	56,700
Department Stores	49,300	46,200	45,500	45,900	45,300	46,000	44,100	44,100	45,700	47,900	52,300	59,000	47,600
Other General Merchandise Stores	14,200	14,200	14,200	13,600	13,700	13,700	13,900	14,200	14,400	14,400	15,000	16,200	14,300
Miscellaneous Store Retailers	28,100	28,100	28,000	27,600	28,000	27,800	27,700	28,100	28,500	28,500	28,700	29,600	28,200
Nonstore Retailers	9,500	9,700	9,500	8,900	9,000	8,600	8,300	8,200	8,100	8,200	8,100	8,900	8,800
Transportation, Warehousing and Utilities	176,500	175,700	177,500	178,400	177,300	176,800	175,300	175,200	176,500	174,900	171,500	171,000	175,800
Utilities	12,200	12,200	12,200	12,000	12,400	12,200	11,900	12,000	12,100	11,800	11,900	12,000	12,100
Transportation and Warehousing	164,300	163,500	165,300	166,400	164,900	164,600	163,400	163,200	164,400	163,100	159,600	159,000	163,500
Air Transportation	29,700	29,800	29,800	30,400	30,400	30,500	30,400	30,300	30,100	29,100	26,900	26,200	29,500
Residual-Rail Transportation	5,300	5,400	5,500	5,500	5,700	5,700	5,700	5,600	5,600	5,500	5,600	5,500	5,600
Truck Transportation	32,700	32,800	32,700	32,500	32,300	32,300	31,800	31,700	31,700	31,500	31,400	31,300	32,100
Transit and Ground Passenger Transportation	11,800	12,000	11,900	12,700	12,300	12,200	11,700	11,200	11,900	11,500	11,500	11,500	11,900
Support Activities for Transportation	41,600	40,600	42,000	41,900	41,100	41,000	41,200	41,900	42,700	42,600	41,600	41,900	41,700
Couriers and Messengers	25,300	24,900	25,200	25,200	24,900	24,600	24,500	24,300	24,000	24,800	24,500	24,300	24,700
Warehousing and Storage	17,900	18,000	18,200	18,200	18,200	18,300	18,100	18,200	18,400	18,100	18,100	18,300	18,200
Information	239,400	243,900	245,400	235,200	223,800	223,500	217,600	217,300	218,600	215,200	217,500	217,700	226,300
Publishing Industries (except Internet)	23,900	23,900	23,900	23,600	23,600	23,500	23,200	23,100	23,000	23,000	22,300	22,200	23,300
Newspaper, Periodical, Book and Directory Publishers	17,400	17,400	17,400	17,400	17,300	17,200	16,900	16,900	16,700	16,700	16,000	15,900	16,900
Software Publishers	6,500	6,500	6,500	6,200	6,300	6,300	6,300	6,200	6,300	6,300	6,300	6,300	6,300
Motion Picture and Sound Recording	134,000	137,400	139,000	132,300	121,800	121,200	118,700	119,400	121,800	119,500	123,200	124,600	128,100
Broadcasting (except Internet)	19,200	19,700	19,600	19,700	19,400	20,000	19,300	19,100	18,900	18,800	18,800	18,700	19,300
Radio and Television Broadcasting	12,900	13,300	13,300	13,500	13,300	14,000	13,400	13,300	13,200	13,200	13,300	13,300	13,300
Cable and Other Subscription Programming	6,300	6,400	6,300	6,200	6,100	6,000	5,900	5,800	5,700	5,600	5,500	5,400	5,900
Telecommunications	38,100	38,300	38,100	36,300	36,200	36,200	35,800	35,500	35,500	35,000	35,000	34,700	36,200
Wired Telecommunications Carriers	3,100	3,100	3,100	2,800	2,800	2,800	2,700	2,700	2,700	2,700	2,700	2,700	2,800
Wireless Telecommunications Carriers	6,300	6,400	6,300	6,100	6,000	5,900	5,800	5,700	5,700	5,700	5,600	5,500	5,900
Telecommunications Resellers	18,600	18,300	18,300	17,600	17,500	17,400	17,200	17,100	17,000	16,300	16,300	16,200	17,300
Satellite Telecommunications	5,900	5,900	5,900	5,500	5,700	5,700	5,500	5,500	5,400	5,400	5,400	5,400	5,600
Cable and Other Program Distribution	4,000	4,000	4,000	4,000	4,000	4,100	4,200	4,300	4,400	4,500	4,600	4,700	4,200
Other Telecommunications	200	600	500	300	200	300	400	200	300	400	400	200	300
Internet Service Providers, Web Search Portals and Data Processing	18,900	19,300	19,400	18,600	18,200	18,000	16,500	16,000	15,400	15,000	14,400	13,700	17,000
Residual-Other Information Services	5,300	5,300	5,400	4,700	4,600	4,600	4,100	4,200	4,000	3,900	3,800	3,800	4,500

*March 2002 Benchmark figures.

Los Angeles County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2001*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Financial Activities	226,200	227,700	229,300	228,300	228,100	229,200	227,200	229,800	229,300	230,100	230,300	231,800	228,900
Finance and Insurance	154,200	155,400	156,600	155,400	155,200	156,000	154,300	156,800	156,400	157,300	157,800	159,100	156,200
Credit Intermediation and Related Activities	68,200	69,000	69,800	70,100	69,800	70,400	69,400	71,500	71,500	71,900	72,700	73,900	70,700
Depository Credit Intermediation	46,900	47,500	48,200	48,400	48,000	48,500	47,300	49,300	49,300	49,100	49,400	50,200	48,500
Nondepository Credit Intermediation	14,000	14,200	14,200	14,200	14,200	14,200	14,300	14,400	14,300	14,400	14,500	14,800	14,300
Activities Related to Credit Intermediation	7,300	7,300	7,400	7,500	7,600	7,700	7,800	7,800	7,900	8,400	8,800	8,900	7,900
Securities, Commodity Contracts and Investments	25,800	25,900	26,100	25,400	25,500	25,500	25,700	25,900	25,700	25,800	25,800	25,800	25,700
Insurance Carriers and Related	57,800	58,100	58,200	57,100	57,100	57,400	56,400	56,600	56,400	56,800	56,600	56,600	57,100
Insurance Carriers	31,200	31,400	31,400	30,700	30,600	30,700	30,100	30,300	30,100	30,300	30,200	30,000	30,600
Agencies, Brokerages, and Other Insurance Related Activities	26,600	26,700	26,800	26,400	26,500	26,700	26,300	26,300	26,300	26,500	26,400	26,600	26,500
Residual-Other Finance	2,400	2,400	2,500	2,800	2,800	2,700	2,800	2,800	2,800	2,800	2,700	2,800	2,700
Real Estate and Rental and Leasing	72,000	72,300	72,700	72,900	72,900	73,200	72,900	73,000	72,900	72,800	72,500	72,700	72,700
Real Estate	47,600	48,000	48,300	48,500	48,500	48,700	48,500	48,400	48,400	48,200	48,200	48,600	48,300
Lessors of Real Estate	18,800	18,900	19,000	18,900	18,700	18,600	18,600	18,500	18,400	18,200	18,000	18,000	18,600
Offices of Real Estate Agents and Brokers	10,500	10,600	10,700	11,000	11,000	11,000	10,900	10,800	10,800	10,800	10,900	11,000	10,800
Activities Related to Real Estate	18,300	18,500	18,600	18,600	18,800	19,100	19,000	19,100	19,200	19,200	19,300	19,600	18,900
Rental and Leasing Services	23,400	23,300	23,400	23,300	23,300	23,400	23,500	23,600	23,500	23,500	23,200	23,000	23,400
Automotive Equipment Rental and Leasing	8,200	8,200	8,200	8,100	8,100	8,200	8,200	8,200	8,200	8,100	7,900	7,900	8,100
Residual-Consumer Goods Rental	15,200	15,100	15,200	15,200	15,200	15,200	15,300	15,400	15,300	15,400	15,300	15,100	15,200
Lessors of Nonfinancial Intangible Assets	1,000	1,000	1,000	1,100	1,100	1,100	900	1,000	1,000	1,100	1,100	1,100	1,000
Professional and Business Services	586,400	591,700	597,200	587,400	592,400	589,200	584,100	589,400	587,500	585,000	581,900	583,600	588,000
Professional, Scientific and Technical Services	231,800	233,200	236,900	236,100	236,000	234,000	231,500	233,000	230,200	232,500	232,900	235,200	233,600
Legal Services	46,700	47,500	47,700	47,200	47,400	48,500	48,300	48,400	47,600	48,600	49,000	49,600	48,000
Accounting, Tax Preparation and Bookkeeping Services	36,300	35,900	38,300	38,300	37,800	34,200	34,200	35,000	34,900	36,400	36,300	37,700	36,300
Architectural, Engineering and Related Services	30,200	30,300	30,200	30,500	30,600	30,900	30,800	30,700	30,400	30,600	30,200	30,600	30,500
Specialized Design Services	8,300	8,200	8,200	8,000	8,000	8,100	8,200	8,500	8,200	8,400	8,600	8,400	8,300
Computer Systems Design and Related Services	28,500	28,500	28,400	28,500	28,400	28,400	27,500	27,600	27,300	27,300	27,300	27,500	27,900
Management, Scientific and Technical Consulting Services	25,100	25,600	26,200	26,000	25,900	26,000	25,200	25,100	24,700	25,200	25,400	25,200	25,500
Scientific Research and Development Services	13,400	13,500	13,600	13,500	13,600	13,500	13,500	13,500	13,400	13,000	13,000	12,900	13,400
Advertising and Related Services	25,500	25,700	26,000	25,600	25,600	25,400	25,000	24,900	24,800	24,200	24,100	24,100	25,100
Other Professional, Scientific and Technical Services	17,800	18,000	18,300	18,500	18,700	19,000	18,800	19,300	18,900	18,800	19,000	19,200	18,700
Management of Companies and Enterprises	84,700	85,000	85,800	83,500	85,100	84,300	84,700	84,500	83,900	83,200	83,600	84,300	84,400

*March 2002 Benchmark figures.

Los Angeles County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2001*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Administrative and Support and Waste Services	269,900	273,500	274,500	267,800	271,300	270,900	267,900	271,900	273,400	269,300	265,400	264,100	270,000
Administrative and Support Services	261,300	264,700	265,700	259,200	262,600	262,200	259,500	263,400	264,900	260,600	256,800	255,500	261,400
Office Administrative Services	11,100	11,200	11,400	11,600	11,700	11,700	11,200	11,100	11,100	11,400	11,400	11,200	11,300
Employment Services	128,500	130,900	131,400	124,300	125,900	124,600	124,600	127,300	129,900	124,200	121,100	120,000	126,100
Business Support Services	17,300	17,600	17,600	17,900	18,100	18,400	18,400	18,300	18,100	17,900	17,600	17,500	17,900
Travel Arrangement and Reservation Services	13,100	13,400	13,400	13,400	13,800	13,800	14,000	14,100	13,800	12,700	12,200	11,900	13,300
Investigation and Security Services	40,200	39,900	40,200	40,200	40,800	40,800	39,000	40,000	39,700	42,300	43,300	44,300	40,800
Services to Buildings and Dwellings	39,700	40,000	40,300	40,800	41,100	41,400	41,400	41,700	41,200	40,800	40,400	39,900	40,700
Residual-Other Support Services	11,400	11,700	11,400	11,000	11,200	11,500	10,900	10,900	11,100	11,300	10,800	10,700	11,200
Waste Management and Remediation Services	8,600	8,800	8,800	8,600	8,700	8,700	8,400	8,500	8,500	8,700	8,600	8,600	8,600
Waste Treatment and Disposal	4,300	4,300	4,300	4,300	4,300	4,300	4,200	4,300	4,300	4,600	4,500	4,600	4,400
Residual-Waste Collection and Remediation Services	4,300	4,500	4,500	4,300	4,400	4,400	4,200	4,200	4,200	4,100	4,100	4,000	4,300
Educational and Health Services	418,200	428,800	433,100	432,300	431,600	425,200	422,000	424,600	434,300	443,500	445,500	447,000	432,200
Educational Services	83,900	91,800	93,300	93,000	90,900	82,100	78,200	78,500	87,300	94,600	95,500	94,400	88,600
Elementary and Secondary Schools	23,500	24,100	24,200	24,100	24,300	23,800	21,600	20,700	24,300	25,200	25,700	25,500	23,900
Junior Colleges	6,000	6,100	6,100	6,600	6,700	6,900	6,500	6,600	6,600	6,600	6,700	6,800	6,500
Colleges, Universities and Professional Schools	37,800	44,500	45,900	44,600	42,300	33,900	32,500	33,500	39,100	44,500	44,800	44,000	40,600
Residual- Business, Technical Schools and Support Training	16,600	17,100	17,100	17,700	17,600	17,500	17,600	17,700	17,300	18,300	18,300	18,100	17,600
Health Care and Social Assistance	334,300	337,000	339,800	339,300	340,700	343,100	343,800	346,100	347,000	348,900	350,000	352,600	343,800
Ambulatory Health Care Services	127,200	128,400	129,800	130,200	131,100	132,100	133,100	134,000	134,600	136,300	136,600	138,800	132,700
Offices of Physicians	57,500	58,100	58,500	58,600	58,900	59,500	59,700	60,100	60,400	61,600	61,700	62,900	59,800
Offices of Dentists	23,900	24,200	24,500	24,700	24,800	24,900	25,000	25,000	25,200	25,300	25,400	25,700	24,900
Offices of Other Health Practitioners	11,400	11,600	11,700	11,800	11,900	12,100	12,300	12,400	12,600	12,800	13,000	13,300	12,200
Outpatient Care Centers	13,400	13,500	13,600	13,800	13,800	13,900	14,300	14,300	14,300	14,000	14,100	14,200	13,900
Residual-Other Ambulatory Health Care Services	21,000	21,000	21,500	21,300	21,700	21,700	21,800	22,200	22,100	22,600	22,400	22,700	21,800
Hospitals	101,000	101,500	101,900	101,200	101,000	101,300	102,500	102,700	102,700	102,500	103,500	103,600	102,100
Nursing and Residential Care Facilities	59,900	60,400	60,800	60,100	60,500	61,100	60,600	61,100	61,100	61,600	61,600	62,000	60,900
Nursing Care Facilities	30,400	30,600	30,700	30,500	30,800	31,100	30,900	31,000	31,100	31,100	31,300	31,300	30,900
Residential Mental Retardation, Mental and Substance Abuse Ca	17,100	17,200	17,400	17,100	17,100	17,200	17,000	17,100	17,100	17,300	17,200	17,300	17,200
Residual-Other Residential Care Facilities	12,400	12,600	12,700	12,500	12,600	12,800	12,700	13,000	12,900	13,200	13,100	13,400	12,800

*March 2002 Benchmark figures.

Los Angeles County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2001*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Social Assistance	46,200	46,700	47,300	47,800	48,100	48,600	47,600	48,300	48,600	48,500	48,300	48,200	47,900
Individual and Family Services	17,000	17,200	17,500	17,700	17,700	17,900	17,900	17,900	17,800	17,800	17,900	17,900	17,700
Vocational Rehabilitation Services	9,900	9,700	9,800	9,900	10,000	10,100	10,100	10,100	10,000	9,600	9,300	9,100	9,800
Child Day Care Services	15,200	15,500	15,700	15,900	16,000	16,000	14,800	15,000	16,300	16,600	16,700	16,700	15,900
Community Food & Housing, & Emergency & Other Relief Serv	4,100	4,300	4,300	4,300	4,400	4,600	4,800	5,300	4,500	4,500	4,400	4,500	4,500
Leisure and Hospitality	337,100	340,400	343,800	347,500	350,500	355,100	355,600	353,700	349,500	351,600	348,500	348,700	348,500
Arts, Entertainment, and Recreation	59,100	59,100	60,100	63,200	62,800	65,800	67,200	65,200	62,500	64,900	62,200	62,700	62,900
Performing Arts, Spectator Sports	25,500	25,000	25,400	27,300	26,100	27,900	28,600	26,800	25,900	29,100	27,000	27,300	26,800
Spectator Sports	4,900	4,600	5,100	5,800	4,400	5,100	5,200	4,800	4,100	5,300	4,400	4,300	4,800
Independent Artists, Writers, and Performers	10,600	9,900	9,800	10,800	10,700	11,400	11,400	10,000	10,200	12,200	11,000	11,200	10,800
Residual-Performing Arts Companies	10,000	10,500	10,500	10,700	11,000	11,400	12,000	12,000	11,600	11,600	11,600	11,800	11,200
Museums, Historical Sites, and Similar Institutions	3,600	3,700	3,700	3,800	3,800	3,900	3,900	3,800	3,700	3,800	3,800	3,800	3,800
Amusement, Gambling, and Recreation	30,000	30,400	31,000	32,100	32,900	34,000	34,700	34,600	32,900	32,000	31,400	31,600	32,300
Gambling Industries	6,800	6,700	6,700	6,800	6,700	6,800	6,900	6,900	6,900	6,900	7,000	7,100	6,900
Other Amusement and Recreation	20,800	21,200	21,400	22,000	22,500	23,200	23,600	23,700	22,700	22,000	21,600	21,700	22,200
Amusement Parks and Arcades	2,400	2,500	2,900	3,300	3,700	4,000	4,200	4,000	3,300	3,100	2,800	2,800	3,300
Accommodation and Food Service	278,000	281,300	283,700	284,300	287,700	289,300	288,400	288,500	287,000	286,700	286,300	286,000	285,600
Accommodation	39,000	39,400	39,900	39,700	40,100	40,100	39,600	39,800	38,800	38,100	37,400	37,200	39,100
Food Services and Drinking Places	239,000	241,900	243,800	244,600	247,600	249,200	248,800	248,700	248,200	248,600	248,900	248,800	246,500
Full-Service Restaurants	112,000	113,300	114,100	114,700	115,500	116,200	115,700	115,800	115,100	115,100	115,400	115,400	114,900
Limited-Service Eating Places	109,600	111,100	111,700	111,300	112,900	113,700	113,800	113,900	113,500	113,400	113,400	113,400	112,600
Special Food Services	10,800	10,800	11,200	11,600	12,100	12,300	12,300	11,900	12,600	12,900	12,900	12,800	12,000
Drinking Places (Alcoholic Beverages)	6,600	6,700	6,800	7,000	7,100	7,000	7,000	7,100	7,000	7,200	7,200	7,200	7,000
Other Services	140,900	142,100	143,500	143,400	144,000	145,200	142,900	142,100	142,700	144,200	143,400	143,400	143,200
Repair and Maintenance	40,300	40,600	41,200	41,600	41,700	42,100	41,600	41,700	41,400	41,200	40,700	40,700	41,200
Personal and Laundry Services	44,900	44,900	45,200	45,300	45,400	45,900	45,900	45,800	46,000	46,100	46,000	46,300	45,600
Residual-Personal Care Services	29,500	29,500	29,700	29,700	29,600	29,900	29,500	29,500	29,600	29,400	29,300	29,300	29,500
Other Personal Services	15,400	15,400	15,500	15,600	15,800	16,000	16,400	16,300	16,400	16,700	16,700	17,000	16,100
Religious, Grantmaking, Civic, Professional and Similar Organizations	55,700	56,600	57,100	56,500	56,900	57,200	55,400	54,600	55,300	56,900	56,700	56,400	56,300

*March 2002 Benchmark figures.

Los Angeles County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2001*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Government	592,900	596,700	605,900	606,800	608,100	609,000	575,400	573,800	588,600	604,700	607,000	610,300	598,300
Federal Government	54,700	54,600	54,600	54,000	53,900	53,900	54,600	54,600	54,500	54,300	54,300	54,200	54,400
Department of Defense	3,700	3,700	3,700	3,700	3,700	3,700	3,700	3,700	3,700	3,600	3,600	3,600	3,700
Other Federal Government	51,000	50,900	50,900	50,300	50,200	50,200	50,900	50,900	50,800	50,700	50,700	50,600	50,700
State and Local Government	538,200	542,100	551,300	552,800	554,200	555,100	520,800	519,200	534,100	550,400	552,700	556,100	543,900
State Government	78,900	78,900	81,000	79,800	79,800	80,900	76,300	76,100	78,000	80,700	81,900	81,300	79,500
State Government Education	47,300	47,300	49,100	48,100	48,000	48,900	44,200	44,000	45,800	48,500	49,600	49,100	47,500
Other State Government	31,600	31,600	31,900	31,700	31,800	32,000	32,100	32,100	32,200	32,200	32,300	32,200	32,000
Local Government	459,300	463,200	470,300	473,000	474,400	474,200	444,500	443,100	456,100	469,700	470,800	474,800	464,500
Local Government Education	259,800	262,900	268,900	270,100	271,400	268,100	237,900	235,500	251,000	264,800	265,300	269,200	260,400
County	91,400	91,600	92,300	92,400	92,700	94,100	94,300	94,700	94,300	94,100	94,400	94,200	93,400
City	87,300	87,900	88,300	89,700	89,400	90,900	91,100	91,600	89,100	89,400	89,800	90,100	89,600
Other Local Government	20,800	20,800	20,800	20,800	20,900	21,100	21,200	21,300	21,700	21,400	21,300	21,300	21,100

*March 2002 Benchmark figures.

Los Angeles County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2002*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Total, All Industries	3,990,700	4,012,500	4,050,900	4,055,500	4,072,100	4,070,400	3,991,400	4,013,700	4,042,300	4,060,000	4,073,900	4,064,000	4,041,500
Total Farm	7,100	7,600	8,000	8,300	8,500	8,400	8,300	8,200	8,400	8,300	7,300	7,400	8,000
Total Nonfarm	3,983,600	4,004,900	4,042,900	4,047,200	4,063,600	4,062,000	3,983,100	4,005,500	4,033,900	4,051,700	4,066,600	4,056,600	4,033,500
Total Private	3,378,400	3,398,300	3,427,900	3,431,100	3,445,300	3,445,600	3,398,900	3,427,000	3,437,600	3,443,300	3,453,100	3,444,200	3,427,600
Goods Producing	674,600	678,600	683,900	679,700	681,000	682,400	668,600	671,100	672,300	670,900	669,600	664,500	674,800
Natural Resources and Mining	3,800	3,800	3,800	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,400	3,600
Construction	132,800	132,900	134,600	133,400	134,800	135,600	133,400	136,600	137,500	136,500	135,300	134,800	134,900
Construction of Buildings	30,100	30,300	30,800	30,900	31,100	31,400	31,300	31,800	32,100	31,900	31,800	31,600	31,300
Residential Building Construction	16,900	17,100	17,800	18,100	18,400	18,600	18,300	18,600	19,000	18,900	19,200	19,200	18,300
Nonresidential Building Construction	13,200	13,200	13,000	12,800	12,700	12,800	13,000	13,200	13,100	13,000	12,600	12,400	12,900
Heavy and Civil Engineering Construction	15,700	15,500	15,400	15,100	15,000	15,200	14,500	14,400	14,600	14,000	14,100	14,000	14,800
Specialty Trade Contractors	87,000	87,100	88,400	87,400	88,700	89,000	87,600	90,400	90,800	90,600	89,400	89,200	88,800
Building Foundation and Exterior Contractors	18,500	18,500	18,700	18,600	18,800	18,800	18,800	19,100	19,200	19,000	18,800	18,800	18,800
Building Equipment Contractors	33,600	33,800	34,000	33,500	33,700	33,700	33,000	33,600	33,500	33,500	32,900	33,000	33,500
Building Finishing Contractors	25,600	25,500	26,300	25,900	26,500	26,700	26,200	27,900	28,400	28,700	28,300	27,900	27,000
Other Specialty Trade Contract	9,300	9,300	9,400	9,400	9,700	9,800	9,600	9,800	9,700	9,400	9,400	9,500	9,500
Manufacturing	538,000	541,900	545,500	542,800	542,700	543,300	531,700	531,000	531,300	530,900	530,800	526,300	536,400
Durable Goods	306,000	306,100	305,900	304,200	303,800	303,500	297,700	297,200	296,900	295,900	294,700	294,200	300,500
Residual-Wood Product Manufacturing	16,000	16,100	16,100	16,500	16,400	16,500	16,300	16,300	16,200	16,300	16,300	16,100	16,300
Primary Metal Manufacturing	11,800	11,600	11,700	11,400	11,300	11,300	11,300	11,200	11,200	11,000	11,200	11,200	11,400
Fabricated Metal Product Mfg	54,900	55,200	54,800	54,600	54,600	54,700	52,900	52,900	52,700	52,600	52,100	51,900	53,700
Machinery Manufacturing	24,500	24,500	24,600	24,200	24,200	24,200	23,400	23,400	23,700	23,600	23,500	23,400	23,900
Computer and Electronic Product Manufacturing	65,900	65,900	65,600	65,300	64,900	64,700	64,500	63,700	63,500	63,400	63,100	62,800	64,400
Electronic Instrument Manufacturing	40,300	40,300	40,100	40,100	40,000	40,000	39,800	39,400	39,400	39,400	39,200	39,300	39,800
Residual-Computer and Peripheral Equipment Manufacturing	25,600	25,600	25,500	25,200	24,900	24,700	24,700	24,300	24,100	24,000	23,900	23,500	24,700
Electrical Equipment and Appliance Manufacturing	13,500	13,500	13,500	13,200	13,200	13,100	12,900	13,100	13,100	13,000	13,000	13,300	13,200
Transportation Equipment Manufacturing	62,500	62,400	62,500	62,000	62,000	61,500	61,000	60,900	60,800	60,700	60,300	60,200	61,400
Aerospace Product and Parts Manufacturing	44,200	44,100	44,200	44,100	44,100	44,000	43,700	43,800	43,900	44,000	43,800	43,600	44,000
Residual-Other Transportation Equipment Manufacturing	18,300	18,300	18,300	17,900	17,900	17,500	17,300	17,100	16,900	16,700	16,500	16,600	17,400
Furniture and Related Product Manufacturing	30,200	30,000	30,000	29,900	30,000	30,400	29,000	29,200	29,200	29,000	29,100	29,000	29,600
Household and Institutional Furniture Manufacturing	21,300	21,200	21,400	21,100	21,100	21,400	20,500	20,700	20,700	20,700	20,900	20,700	21,000
Residual-Other Furniture Related Product Manufacturing	8,900	8,800	8,600	8,800	8,900	9,000	8,500	8,500	8,500	8,300	8,200	8,300	8,600
Miscellaneous Manufacturing	26,700	26,900	27,100	27,100	27,200	27,100	26,400	26,500	26,500	26,300	26,100	26,300	26,700

*March 2002 Benchmark figures.

Los Angeles County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2002*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Nondurable Goods	232,000	235,800	239,600	238,600	238,900	239,800	234,000	233,800	234,400	235,000	236,100	232,100	235,800
Food Manufacturing	42,800	43,200	43,600	43,300	43,600	43,800	43,400	43,400	44,300	44,100	44,800	44,600	43,700
Dairy Product Manufacturing	5,300	5,300	5,400	5,400	5,400	5,500	5,400	5,400	5,500	5,400	5,500	5,500	5,400
Animal Slaughtering and Processing	5,600	5,600	5,700	5,600	5,700	5,800	5,700	5,500	5,700	5,600	5,700	5,800	5,700
Bakeries and Tortilla Manufacturing	16,200	16,200	16,500	16,500	16,700	16,700	16,100	16,000	16,400	16,200	16,400	16,600	16,400
Residual-Other Food Manufacturing	15,700	16,100	16,000	15,800	15,800	15,800	16,200	16,500	16,700	16,900	17,200	16,700	16,300
Beverage and Tobacco Product Mfg	4,500	4,600	4,600	4,600	4,600	4,700	4,400	4,500	4,600	4,700	4,700	4,600	4,600
Textile Mills	11,400	12,100	12,500	12,500	12,500	12,600	12,700	12,300	12,100	12,000	12,000	10,700	12,100
Apparel Manufacturing	70,300	73,100	75,700	75,500	75,700	76,000	72,700	72,700	72,500	73,200	73,600	71,100	73,500
Cut and Sew Apparel Manufacturing	64,700	67,500	70,000	69,600	69,900	70,300	66,900	66,900	66,700	67,300	67,800	65,400	67,800
Residual-Apparel Accessories and Other Apparel Manufacturing	5,600	5,600	5,700	5,900	5,800	5,700	5,800	5,800	5,800	5,900	5,800	5,700	5,800
Residual-Textile Product Mills	11,600	11,500	11,600	11,600	11,500	11,700	11,100	11,200	11,000	10,900	10,900	11,700	11,400
Paper Manufacturing	12,000	12,000	12,100	11,800	11,800	11,900	11,800	11,800	11,900	11,900	11,900	11,900	11,900
Printing and Related Support Activities	27,800	27,700	27,800	27,500	27,600	27,800	27,000	26,900	26,900	26,900	27,100	26,800	27,300
Petroleum and Coal Products Manufacturing	5,100	5,000	4,900	5,000	4,900	4,900	4,700	4,700	4,700	4,800	4,800	4,800	4,900
Chemical Manufacturing	24,800	24,900	25,000	24,800	24,800	24,400	24,600	24,600	24,700	24,800	24,800	24,600	24,700
Pharmaceutical and Medicine Manufacturing	6,900	7,000	7,000	7,100	7,100	6,900	7,100	7,100	7,200	7,200	7,200	7,200	7,100
Paint, Coating, and Adhesive M	3,300	3,300	3,300	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,200
Residual-Other Chemical Products and Preparation Manufacturing	14,600	14,600	14,700	14,500	14,500	14,300	14,300	14,300	14,300	14,400	14,400	14,200	14,400
Plastics and Rubber Products Manufacturing	21,700	21,700	21,800	22,000	21,900	22,000	21,600	21,700	21,700	21,700	21,500	21,300	21,700

*March 2002 Benchmark figures.

Los Angeles County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2002*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Service Providing	3,309,000	3,326,300	3,359,000	3,367,500	3,382,600	3,379,600	3,314,500	3,334,400	3,361,600	3,380,800	3,397,000	3,392,100	3,358,700
Trade, Transportation and Utilities	776,300	772,400	774,300	777,100	780,100	784,900	783,700	787,500	792,600	794,200	805,900	811,800	786,700
Wholesale Trade	215,500	216,400	218,300	218,000	217,900	218,800	216,900	217,300	218,400	218,500	219,500	219,300	217,900
Merchant Wholesalers, Durable Goods	116,700	117,100	117,900	117,700	117,300	117,900	117,000	117,100	117,500	117,300	117,900	118,200	117,500
Motor Vehicle and Motor Vehicle Parts Merchant Wholesalers	14,000	14,300	14,500	14,400	14,500	14,500	14,100	14,100	14,100	14,000	14,200	14,300	14,300
Professional and Commercial Equipment Merchant Wholesalers	21,900	22,000	22,100	21,900	21,800	22,000	21,500	21,400	21,400	21,500	21,500	21,500	21,700
Electrical and Electronic Goods Merchant Wholesalers	15,300	15,200	15,300	15,100	15,000	15,100	14,700	14,600	14,600	14,600	14,500	14,400	14,900
Machinery, Equipment and Supplies Merchant Wholesalers	16,100	16,100	16,200	16,100	16,000	16,000	16,100	16,000	16,000	15,900	16,000	16,000	16,000
Miscellaneous Durable Goods Merchant Wholesalers	21,000	21,200	21,300	21,500	21,500	21,300	21,700	21,900	22,000	21,800	22,000	22,000	21,600
Residual-Furniture and Home Furnishing Merchant Wholesalers	28,400	28,300	28,500	28,700	28,500	29,000	28,900	29,100	29,400	29,500	29,700	30,000	29,000
Merchant Wholesalers, Nondurable Goods	81,900	82,300	83,200	82,900	83,100	83,400	82,500	82,700	83,300	83,500	83,900	83,700	83,000
Apparel, Piece Gds & Notions Merch whole	18,700	19,000	19,300	19,800	19,800	20,000	19,700	19,700	19,800	19,700	19,700	19,500	19,600
Grocery & Related Products Merchant whole	28,100	27,800	28,100	27,600	27,700	27,900	27,400	27,400	27,600	27,500	27,600	27,800	27,700
Residual-Paper and Paper Products Merchant Wholesalers	20,500	20,700	20,800	20,700	20,700	20,600	20,600	20,600	20,600	20,800	21,300	21,300	20,800
Misc Nondurable Merchant Wholesalers	14,600	14,800	15,000	14,800	14,900	14,900	14,800	15,000	15,300	15,500	15,300	15,100	15,000
Wholesale Electronic Markets and Agents and Brokers	16,900	17,000	17,200	17,400	17,500	17,500	17,400	17,500	17,600	17,700	17,700	17,400	17,400
Retail Trade	395,500	389,300	391,900	391,400	393,300	396,800	395,300	397,300	401,200	402,700	413,200	419,200	398,900
Motor Vehicle and Parts Dealer	50,000	50,300	50,700	50,900	51,200	51,300	51,100	51,500	51,600	51,900	51,800	51,200	51,100
Automobile Dealers	35,000	35,300	35,600	35,600	35,700	35,900	35,800	36,300	36,400	36,500	36,600	36,200	35,900
Other Motor Vehicle Dealers	2,100	2,100	2,100	2,200	2,400	2,300	2,400	2,300	2,300	2,200	2,200	2,200	2,200
Automotive Parts, Accessories and Tire Stores	12,900	12,900	13,000	13,100	13,100	13,100	12,900	12,900	12,900	13,200	13,000	12,800	13,000
Furniture and Home Furnishings Stores	15,100	15,200	15,600	15,700	15,800	15,700	15,800	16,000	16,200	16,000	16,000	16,400	15,800
Electronics and Appliance Stores	20,100	19,800	19,600	19,500	19,400	19,400	18,900	19,000	19,000	18,900	19,800	20,100	19,500
Building Material and Garden Equipment Stores	23,300	23,000	23,600	24,700	25,100	25,200	24,500	24,500	25,600	25,700	25,600	25,900	24,700
Food and Beverage Stores	81,300	81,200	81,200	80,800	81,300	81,500	81,200	81,200	81,700	82,700	83,600	83,500	81,800
Grocery Stores	65,200	64,900	65,100	64,900	65,200	65,400	65,300	65,200	65,600	66,500	66,000	65,700	65,400
Residual-Specialty Food Stores	16,100	16,300	16,100	15,900	16,100	16,100	15,900	16,000	16,100	16,200	17,600	17,800	16,400
Health and Personal Care Stores	27,800	27,700	28,300	27,200	27,200	27,600	27,400	27,500	27,800	27,900	27,900	28,200	27,700
Gasoline Stations	11,000	11,400	11,400	11,400	11,400	11,400	11,300	11,100	11,300	11,200	11,100	11,000	11,300
Clothing and Clothing Accessories Stores	48,100	45,300	46,600	46,700	46,900	48,600	50,400	50,700	50,400	50,000	52,000	53,400	49,100
Sporting Goods, Hobby, Book and Music Stores	24,300	23,600	23,500	23,200	23,100	22,900	22,900	23,000	23,300	23,500	24,500	25,200	23,600
Sporting Goods, Hobby and Musical Instrument Stores	13,900	13,300	13,300	13,200	13,200	13,200	13,200	13,100	13,400	13,500	14,200	14,700	13,500

*March 2002 Benchmark figures.

Los Angeles County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2002*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Book, Periodical and Music Stores	10,400	10,300	10,200	10,000	9,900	9,700	9,700	9,900	9,900	10,000	10,300	10,500	10,100
General Merchandise Stores	58,600	55,200	55,000	55,200	55,700	56,900	56,500	57,200	58,400	58,700	64,200	66,500	58,200
Department Stores	43,600	40,400	40,200	40,400	41,000	41,600	41,200	41,500	41,500	41,800	46,700	48,200	42,300
Other General Merchandise Stores	15,000	14,800	14,800	14,800	14,700	15,300	15,300	15,700	16,900	16,900	17,500	18,300	15,800
Miscellaneous Store Retailers	28,000	28,500	28,500	28,300	28,500	28,500	28,000	28,200	28,500	28,600	28,700	29,400	28,500
Nonstore Retailers	7,900	8,100	7,900	7,800	7,700	7,800	7,300	7,400	7,400	7,600	8,000	8,400	7,800
Transportation, Warehousing and Utilities	165,300	166,700	164,100	167,700	168,900	169,300	171,500	172,900	173,000	173,000	173,200	173,300	169,800
Utilities	11,700	11,800	11,700	11,900	11,900	12,000	11,800	11,900	11,900	12,000	11,900	11,900	11,900
Transportation and Warehousing	153,600	154,900	152,400	155,800	157,000	157,300	159,700	161,000	161,100	161,000	161,300	161,400	158,000
Air Transportation	25,500	25,800	25,400	25,400	25,800	26,100	26,100	26,100	25,900	25,500	25,600	25,100	25,700
Residual-Rail Transportation	5,400	5,500	5,400	5,300	5,600	5,500	5,600	5,500	5,300	5,200	5,200	5,200	5,400
Truck Transportation	30,000	29,900	30,000	30,500	30,600	30,700	31,700	32,100	32,200	32,300	32,300	32,300	31,200
Transit and Ground Passenger Transportation	11,800	12,100	12,300	12,200	12,300	12,600	11,600	11,000	11,700	11,800	11,800	11,800	11,900
Support Activities for Transportation	40,300	41,100	39,200	41,800	42,300	42,300	44,900	46,400	46,400	46,300	46,300	46,700	43,700
Couriers and Messengers	22,600	22,400	22,000	22,500	22,200	22,100	22,100	22,000	21,800	21,900	22,000	22,100	22,100
Warehousing and Storage	18,000	18,100	18,100	18,100	18,200	18,000	17,700	17,900	17,800	18,000	18,100	18,200	18,000
Information	209,800	212,600	220,500	211,700	214,700	212,100	199,700	213,900	204,900	202,400	203,500	199,300	208,800
Publishing Industries (except Internet)	21,200	21,100	21,000	21,000	21,000	20,900	20,700	20,600	20,500	20,500	20,700	20,600	20,800
Newspaper, Periodical, Book and Directory Publishers	15,200	15,200	15,100	15,100	15,100	15,000	14,800	14,800	14,700	14,600	14,800	14,700	14,900
Software Publishers	6,000	5,900	5,900	5,900	5,900	5,900	5,900	5,800	5,800	5,900	5,900	5,900	5,900
Motion Picture and Sound Recording	120,100	122,400	130,700	122,600	125,900	123,300	114,100	127,600	118,500	116,200	117,400	113,900	121,100
Broadcasting (except Internet)	17,400	17,700	17,800	17,600	17,700	18,000	16,300	17,300	17,700	17,600	17,900	18,000	17,600
Radio and Television Broadcasting	12,000	12,200	12,300	12,200	12,400	12,800	11,500	12,400	12,900	12,800	13,100	13,100	12,500
Cable and Other Subscription Programming	5,400	5,500	5,500	5,400	5,300	5,200	4,800	4,900	4,800	4,800	4,800	4,900	5,100
Telecommunications	34,300	34,500	34,100	33,800	33,600	33,400	32,200	32,100	31,900	31,800	31,400	31,200	32,900
Wired Telecommunications Carriers	2,600	2,600	2,600	2,500	2,500	2,500	2,500	2,500	2,400	2,400	2,400	2,400	2,500
Wireless Telecommunications Carriers	5,100	5,100	5,000	5,000	5,000	4,900	5,000	5,000	4,900	4,800	4,700	4,700	4,900
Telecommunications Resellers	16,100	16,000	16,100	15,700	15,600	15,500	14,900	14,700	14,700	14,700	14,700	14,400	15,300
Satellite Telecommunications	5,500	5,400	5,400	5,300	5,200	5,200	5,100	5,100	5,000	5,000	5,000	5,000	5,200
Cable and Other Program Distribution	4,800	5,100	4,800	5,100	5,100	5,100	4,500	4,600	4,600	4,600	4,300	4,400	4,800
Other Telecommunications	200	300	200	200	200	200	200	200	300	300	300	300	200
Internet Service Providers, Web Search Portals and Data Processing	13,100	13,100	13,100	12,800	12,700	12,600	12,500	12,400	12,300	12,300	12,100	11,600	12,600
Residual-Other Information Services	3,700	3,800	3,800	3,900	3,800	3,900	3,900	3,900	4,000	4,000	4,000	4,000	3,900

*March 2002 Benchmark figures.

Los Angeles County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2002*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Financial Activities	228,100	229,700	230,700	230,900	231,500	232,300	231,400	231,700	231,700	231,900	232,100	232,300	231,200
Finance and Insurance	156,300	157,800	158,500	158,400	158,600	158,900	158,400	158,500	158,400	158,600	158,800	159,100	158,400
Credit Intermediation and Related Activities	71,500	72,700	73,500	73,900	74,000	74,300	74,600	74,900	74,900	75,400	75,600	75,700	74,300
Depository Credit Intermediation	48,300	48,700	49,100	49,800	49,800	49,900	50,000	50,200	49,800	50,000	50,200	50,300	49,700
Nondepository Credit Intermediation	14,600	14,700	14,800	14,900	15,000	15,100	15,100	15,200	15,400	15,800	15,900	15,900	15,200
Activities Related to Credit Intermediation	8,600	9,300	9,600	9,200	9,200	9,300	9,500	9,500	9,700	9,600	9,500	9,500	9,400
Securities, Commodity Contracts and Investments	24,800	24,900	24,700	24,700	24,900	24,900	24,800	24,700	24,600	24,400	24,200	24,400	24,700
Insurance Carriers and Related	57,200	57,400	57,400	56,900	56,800	56,800	56,100	56,000	56,000	56,000	56,000	56,100	56,600
Insurance Carriers	30,200	30,200	30,200	29,600	29,500	29,400	28,500	28,400	28,500	28,500	28,400	28,400	29,200
Agencies, Brokerages, and Other Insurance Related Activities	27,000	27,200	27,200	27,300	27,300	27,400	27,600	27,600	27,500	27,500	27,600	27,700	27,400
Residual-Other Finance	2,800	2,800	2,900	2,900	2,900	2,900	2,900	2,900	2,900	2,800	3,000	2,900	2,900
Real Estate and Rental and Leasing	71,800	71,900	72,200	72,500	72,900	73,400	73,000	73,200	73,300	73,300	73,300	73,200	72,800
Real Estate	48,000	48,100	48,100	48,500	48,700	49,000	48,800	49,100	49,200	49,400	49,600	49,600	48,800
Lessors of Real Estate	17,300	17,300	17,300	17,500	17,600	17,700	17,500	17,500	17,600	17,600	17,700	17,800	17,500
Offices of Real Estate Agents and Brokers	10,800	11,000	11,200	11,500	11,600	11,800	11,700	11,900	11,900	12,000	12,000	12,000	11,600
Activities Related to Real Estate	19,900	19,800	19,600	19,500	19,500	19,500	19,600	19,700	19,700	19,800	19,900	19,800	19,700
Rental and Leasing Services	22,900	22,900	23,100	23,100	23,300	23,500	23,200	23,200	23,300	23,000	22,800	22,600	23,100
Automotive Equipment Rental and Leasing	8,200	8,300	8,200	8,100	8,100	8,100	8,300	8,300	8,300	8,300	8,200	8,100	8,200
Residual-Consumer Goods Rental	14,700	14,600	14,900	15,000	15,200	15,400	14,900	14,900	15,000	14,700	14,600	14,500	14,900
Lessors of Nonfinancial Intangible Assets	900	900	1,000	900	900	900	1,000	900	800	900	900	1,000	900
Professional and Business Services	568,500	570,800	576,800	578,200	579,500	580,400	575,300	581,000	584,000	583,600	582,700	579,200	578,300
Professional, Scientific and Technical Services	229,200	233,100	235,200	235,500	231,700	231,800	229,200	230,700	230,600	229,800	230,000	231,900	231,600
Legal Services	47,700	48,000	48,300	48,800	49,000	49,700	49,500	49,400	49,000	49,100	49,200	49,100	48,900
Accounting, Tax Preparation and Bookkeeping Services	37,200	39,300	40,800	40,400	36,400	35,100	34,300	35,200	35,900	35,600	35,700	37,800	37,000
Architectural, Engineering and Related Services	29,800	29,800	29,700	30,100	30,200	30,300	30,800	30,900	30,700	30,600	30,400	30,800	30,300
Specialized Design Services	7,800	7,900	7,900	7,900	8,000	8,000	7,900	7,900	7,800	7,800	7,800	7,500	7,900
Computer Systems Design and Related Services	26,800	26,700	26,700	26,700	26,600	26,700	26,500	26,400	26,400	26,200	26,100	26,400	26,500
Management, Scientific and Technical Consulting Services	25,200	25,300	25,400	25,200	25,100	25,200	24,600	24,800	25,100	25,200	25,300	25,500	25,200
Scientific Research and Development Services	12,800	12,800	12,800	13,100	13,000	13,100	12,800	12,900	12,700	12,700	12,700	12,600	12,800
Advertising and Related Services	23,600	24,400	24,600	24,000	24,000	24,000	23,400	23,600	23,500	23,300	23,500	23,100	23,800
Other Professional, Scientific and Technical Services	18,300	18,900	19,000	19,300	19,400	19,700	19,400	19,600	19,500	19,300	19,300	19,100	19,200
Management of Companies and Enterprises	83,300	83,400	84,100	82,800	82,900	82,700	83,400	83,700	84,000	83,400	84,000	82,800	83,400

*March 2002 Benchmark figures.

Los Angeles County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2002*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Administrative and Support and Waste Services	256,000	254,300	257,500	259,900	264,900	265,900	262,700	266,600	269,400	270,400	268,700	264,500	263,400
Administrative and Support Services	247,400	245,700	248,900	251,000	256,100	257,000	253,800	257,700	260,500	261,300	259,700	255,600	254,600
Office Administrative Services	11,600	11,800	12,200	12,700	12,700	12,800	12,600	12,800	12,700	12,700	12,600	12,400	12,500
Employment Services	112,600	111,000	111,700	112,500	116,100	117,400	112,900	115,500	118,600	118,600	118,900	116,600	115,200
Business Support Services	16,600	16,900	17,100	17,000	17,100	16,900	16,600	16,800	16,300	16,600	16,600	16,400	16,700
Travel Arrangement and Reservation Services	12,400	12,400	12,600	12,000	12,300	12,400	12,200	12,300	12,100	12,000	12,100	12,200	12,300
Investigation and Security Services	43,900	43,900	45,200	45,700	46,600	46,100	45,800	46,100	46,700	47,000	45,200	44,300	45,500
Services to Buildings and Dwellings	39,000	39,000	39,300	40,000	40,200	40,600	42,600	43,100	43,000	43,300	43,000	42,600	41,300
Residual-Other Support Services	11,300	10,700	10,800	11,100	11,100	10,800	11,100	11,100	11,100	11,100	11,300	11,100	11,100
Waste Management and Remediation Services	8,600	8,600	8,600	8,900	8,800	8,900	8,900	8,900	8,900	9,100	9,000	8,900	8,800
Waste Treatment and Disposal	4,600	4,600	4,600	4,600	4,500	4,500	4,500	4,400	4,500	4,600	4,600	4,700	4,600
Residual-Waste Collection and Remediation Services	4,000	4,000	4,000	4,300	4,300	4,400	4,400	4,500	4,400	4,500	4,400	4,200	4,300
Educational and Health Services	437,500	446,100	449,200	452,800	453,600	446,000	437,000	439,400	450,500	459,300	460,800	459,100	449,300
Educational Services	86,300	94,000	95,300	96,300	95,500	86,600	82,300	82,800	92,200	99,400	100,400	100,000	92,600
Elementary and Secondary Schools	24,800	25,600	25,600	26,200	26,700	25,700	23,300	22,200	25,500	26,200	26,500	26,800	26,400
Junior Colleges	6,400	6,600	6,600	6,900	7,000	7,100	7,000	7,000	7,300	7,300	7,400	7,600	7,000
Colleges, Universities and Professional Schools	37,400	43,600	44,700	45,200	43,800	35,800	33,900	35,300	41,100	47,000	47,500	47,100	41,900
Residual- Business, Technical Schools and Support Training	17,700	18,200	18,400	18,000	18,000	18,000	18,100	18,300	18,300	18,900	19,000	18,500	18,300
Health Care and Social Assistance	351,200	352,100	353,900	356,500	358,100	359,400	354,700	356,600	358,300	359,900	360,400	359,100	356,700
Ambulatory Health Care Services	137,500	137,400	137,700	139,500	140,600	141,400	137,800	138,900	139,700	140,600	140,400	140,100	139,300
Offices of Physicians	62,800	61,900	61,600	62,500	62,800	63,100	59,900	60,000	60,300	60,700	60,800	60,600	61,400
Offices of Dentists	25,400	25,400	25,600	25,700	26,000	26,100	25,800	26,000	26,300	26,200	26,100	26,100	25,900
Offices of Other Health Practitioners	12,900	13,000	13,200	13,700	14,000	14,000	14,100	14,200	14,300	14,500	14,400	14,400	13,900
Outpatient Care Centers	14,000	14,200	14,200	13,900	14,000	14,000	13,800	13,900	14,000	13,900	13,900	14,100	14,000
Residual-Other Ambulatory Health Care Services	22,400	22,900	23,100	23,500	23,800	24,200	24,200	24,800	24,800	25,300	25,200	24,900	24,100
Hospitals	104,500	104,900	105,600	105,300	105,300	105,800	105,300	105,600	106,000	105,800	106,500	106,300	105,600
Nursing and Residential Care Facilities	61,200	61,500	61,800	61,800	62,100	62,100	62,400	62,800	62,900	63,400	63,300	62,700	62,300
Nursing Care Facilities	31,000	31,000	31,200	30,700	30,800	31,000	31,100	31,200	31,200	31,400	31,300	31,000	31,100
Residential Mental Retardation, Mental and Substance Abuse Ce	17,100	17,200	17,300	17,600	17,800	17,600	17,600	17,700	18,000	18,200	18,100	18,000	17,700
Residual-Other Residential Care Facilities	13,100	13,300	13,300	13,500	13,500	13,500	13,700	13,900	13,700	13,800	13,900	13,700	13,600

*March 2002 Benchmark figures.

Los Angeles County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2002*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Social Assistance	48,000	48,300	48,800	49,900	50,100	50,100	49,200	49,300	49,700	50,100	50,200	50,000	49,500
Individual and Family Services	18,100	18,100	18,300	18,500	18,600	18,900	19,100	18,900	18,800	18,800	19,000	18,800	18,700
Vocational Rehabilitation Services	8,800	8,700	8,800	8,700	8,700	8,800	8,400	8,400	8,500	8,600	8,500	8,700	8,600
Child Day Care Services	16,900	17,200	17,300	18,000	18,100	17,700	16,600	16,600	17,700	18,000	18,100	17,900	17,500
Community Food & Housing, & Emergency & Other Relief Serv	4,200	4,300	4,400	4,700	4,700	4,700	5,100	5,400	4,700	4,700	4,600	4,600	4,700
Leisure and Hospitality	341,900	344,600	347,700	355,100	358,000	360,000	357,700	356,900	356,000	355,300	353,100	352,800	353,300
Arts, Entertainment, and Recreation	61,300	62,400	63,800	65,200	64,400	65,200	68,300	66,700	65,900	65,300	64,300	64,400	64,800
Performing Arts, Spectator Sports	26,500	27,300	27,900	27,600	26,200	26,000	28,900	27,500	28,400	29,000	29,100	29,400	27,800
Spectator Sports	5,200	5,000	5,100	5,900	4,900	5,500	5,300	4,800	4,400	4,700	5,100	5,000	5,100
Independent Artists, Writers, and Performers	11,300	11,800	11,900	11,000	10,200	9,300	11,800	11,300	12,700	13,100	12,700	12,800	11,700
Residual-Performing Arts Companies	10,000	10,500	10,900	10,700	11,100	11,200	11,800	11,400	11,300	11,200	11,300	11,600	11,100
Museums, Historical Sites, and Similar Institutions	3,700	3,800	3,800	3,900	3,900	4,000	4,000	4,000	3,600	3,600	3,600	3,600	3,800
Amusement, Gambling, and Recreation	31,100	31,300	32,100	33,700	34,300	35,200	35,400	35,200	33,900	32,700	31,600	31,400	33,200
Gambling Industries	7,100	7,100	7,100	7,200	7,200	7,300	7,300	7,200	7,200	7,100	6,900	6,800	7,100
Other Amusement and Recreation	21,300	21,500	21,800	23,100	23,400	23,900	23,800	24,000	23,400	22,600	22,000	22,100	22,700
Amusement Parks and Arcades	2,700	2,700	3,200	3,400	3,700	4,000	4,300	4,000	3,300	3,000	2,700	2,500	3,300
Accommodation and Food Service	280,600	282,200	283,900	289,900	293,600	294,800	289,400	290,200	290,100	290,000	288,800	288,400	288,500
Accommodation	35,700	35,900	36,200	36,000	36,500	37,000	37,000	37,400	37,100	36,800	36,000	35,700	36,400
Food Services and Drinking Places	244,900	246,300	247,700	253,900	257,100	257,800	252,400	252,800	253,000	253,200	252,800	252,700	252,100
Full-Service Restaurants	114,000	114,300	115,500	118,300	120,100	120,500	118,200	118,300	117,800	117,900	118,300	118,000	117,600
Limited-Service Eating Places	111,200	112,000	112,300	114,600	115,600	115,800	113,900	113,900	114,000	113,600	113,000	113,200	113,600
Special Food Services	12,700	12,800	12,800	13,700	14,000	14,100	13,000	13,300	13,800	14,200	14,100	14,100	13,600
Drinking Places (Alcoholic Beverages)	7,000	7,200	7,100	7,300	7,400	7,400	7,300	7,300	7,400	7,500	7,400	7,400	7,300
Other Services	141,700	143,500	144,800	145,600	146,900	147,500	145,500	145,500	145,600	145,700	145,400	145,200	145,200
Repair and Maintenance	40,500	41,100	41,800	41,800	42,100	42,700	42,000	42,100	42,000	41,800	41,300	41,200	41,700
Personal and Laundry Services	45,700	45,700	46,400	46,400	47,000	47,100	46,000	46,200	46,400	46,200	46,100	46,200	46,300
Residual-Personal Care Services	29,300	29,500	30,000	30,000	30,400	30,400	29,700	29,700	29,900	29,700	29,600	29,600	29,800
Other Personal Services	16,400	16,200	16,400	16,400	16,600	16,700	16,300	16,500	16,500	16,500	16,500	16,600	16,500
Religious, Grantmaking, Civic, Professional and Similar Organizations	55,500	56,700	56,600	57,400	57,800	57,700	57,500	57,200	57,200	57,700	58,000	57,800	57,300

*March 2002 Benchmark figures.

Los Angeles County
Wage and Salary Employment by Industry
(Data Not Seasonally Adjusted)
Monthly January–December 2002*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Government	605,200	606,600	615,000	616,100	618,300	616,400	584,200	578,500	596,300	608,400	613,500	612,400	605,900
Federal Government	53,900	53,700	53,900	53,500	53,600	53,600	53,800	53,700	53,700	54,600	56,100	57,200	54,300
Department of Defense	3,600	3,600	3,600	3,500	3,500	3,500	3,600	3,600	3,600	3,500	3,500	3,500	3,600
Other Federal Government	50,300	50,100	50,300	50,000	50,100	50,100	50,200	50,100	50,100	51,100	52,600	53,700	50,700
State and Local Government	551,300	552,900	561,100	562,600	564,700	562,800	530,400	524,800	542,600	553,800	557,400	555,200	551,600
State Government	80,000	80,300	82,400	81,500	81,700	82,300	77,300	78,100	78,900	81,600	83,000	82,400	80,800
State Government Education	47,900	48,200	50,100	49,300	49,400	49,900	44,900	45,700	46,400	49,300	50,500	50,100	48,500
Other State Government	32,100	32,100	32,300	32,200	32,300	32,400	32,400	32,400	32,500	32,300	32,500	32,300	32,300
Local Government	471,300	472,600	478,700	481,100	483,000	480,500	453,100	446,700	463,700	472,200	474,400	472,800	470,800
Local Government Education	266,000	266,700	272,300	276,100	277,100	272,800	243,500	236,800	255,900	265,900	268,700	267,700	264,100
County	94,600	94,700	95,100	94,100	94,500	95,400	95,200	95,100	94,600	93,800	93,400	92,900	94,500
City	89,600	90,100	90,300	89,600	90,100	91,000	93,100	93,400	91,200	91,000	91,000	91,000	91,000
Other Local Government	21,100	21,100	21,000	21,300	21,300	21,300	21,300	21,400	22,000	21,500	21,300	21,200	21,300

*March 2002 Benchmark figures.

Projections & Planning Information

Module D:

Projections

TABLE OF CONTENTS

MODULE D: INDUSTRY AND OCCUPATIONAL PROJECTIONS	PAGE
Introduction	D-v
Description of Industry and Occupational Tables	D-viii
Training Level Definitions.....	D-xi
Industry Trends and Outlook.....	D-xii
Table 1 – Employment by Major Industry	D-1
Table 2 – Industry Employment Projections	D-2
Table 3 – Employment by Major Occupational Group	D-6
Table 4 – Occupations with the Greatest Absolute Job Growth ...	D-7
Table 5 – Occupations with the Fastest Job Growth	D-9
Table 6 – Occupational Employment Projections.....	D-11
Table 7 – Occupations with the Most Openings	D-44
Table 8 – Occupations with Projected Declines	D-46
Appendix	End of Section
Alphabetical Index of Occupations	
Standard Industrial Classifications Manual (SIC) – 1987	
North American Industry Classification System (NAICS)	
Projection Methods and Economic Assumptions	

INTRODUCTION

to Industry and Occupational Projections

Using Projections Data

The projections contained in these tables provide information for estimating job opportunities, developing training programs, and gaining an insight into future employment trends. However, before reaching any final conclusions, the user should consider the following:

Remember that these data are estimates. They were developed based on the assumption that historical trends will continue into the future. However, events may occur during the seven-year projection period that are impossible to predict. Events such as military base closures, major business closures or openings and natural disasters can all have a major impact on employment levels.

Do not use these projections as your sole source of information. Use other, more recent sources of local economic data to corroborate the projection data. This information may be found in other documents such as those published by the Employment Development Department's Labor Market Information Division, local chambers of commerce, or local economic development agencies.

Projections employment data are annual averages. These averages may not accurately portray seasonal occupations or industries such as those found in agriculture, retail sales, recreation, and construction.

Employment levels stated reflect workers who are covered by the Unemployment Insurance program. As a result, industries that are made up largely of individuals who are

self-employed will be understated. Examples include industries such as real estate, hair salons, and bookkeeping. Occupations such as dental hygienists and consultants will also show an understated level of employment.

Industry Projections

Projections by industry forecast the anticipated changes within an industry over time. Forecasts for each county are based on the county's past employment trends and are refined by a review of current economic developments within the local community. The effect of State-level economic trends are also considered.

Industry employment projections utilize industry employment data from both the Current Employment Statistics (CES) program, and the Employment Payroll (ES202) program. There is a certain amount of error built into both systems. These errors may include employers classified in the wrong industry, incorrect employment levels reported by the employer and employment reported in the wrong county.

If an industry shows a decrease in future employment, it may be that only one or two industry components are experiencing the decline and other components are still expected to hire new workers. It is best to investigate all sectors of the industry. For example, retail trade has several components: building materials and garden supplies; general merchandise stores; food stores, automotive dealers and service stations; and apparel and accessory stores, to name a few.

Geographical differences account for differing employment opportunities. If an individual is considering relocating from one area of the state to another, the size of the industry and its expected growth level need to be kept in mind. Small rural counties will not have the same employment possibilities as do the larger metropolitan areas.

Knowing Future Industry Trends:

- ✓ helps economic development professionals foster compatible growth and promote the county's strengths,
- ✓ helps local government agencies, non-profit agencies, researchers and other interested parties formulate plans and proposals,
- ✓ helps people looking for work and those doing counseling and/or job placement to learn about employment opportunities in various industries.

Occupational Projections

Projections by occupation estimate the changes in occupational employment over time resulting from two principal causes - growth and technology. Changes in the number, size and type of employers within a given geographical area will affect the demand for certain occupations. Also, technological advances or changes in laws or regulations may affect the occupational mix.

County occupational projections are prepared for all but the smaller counties which are grouped together to produce projections at the multicounty level.

General changes in the work place affect some occupations. Jobs may be created, eliminated or consolidated because of restructuring or regulations affecting the requirements for the job. For example, personal computers and word processing programs eliminated many typist jobs, but created a need for word processors.

An occupational title does not give details about the occupation. An individual starting a career search may want to look at the various occupations in this module, choose any that are of interest and then do further research on the occupation or occupations of choice.

There are other sources of information (listed below) about specific occupations and the details, such as skills and educational requirements, hourly earnings, benefits, working conditions and advancement opportunities.

Industry staffing patterns used for the projections process are developed from the annual OES Survey of employers. The survey utilizes a sample of the entire universe of Unemployment Insurance (UI) covered employers. Because it is a survey, it is important that the following points be considered:

- ✓ There is inherent statistical error as a result of both the sampling process and the level of employer response to the survey mailings.
- ✓ The OES staffing patterns may contain errors because of the problems employers may have in completing the survey. These errors typically include misunderstanding of survey instructions, misinterpretation of occupational definitions and/or titles contained on the forms, and clerical errors in filling out the forms.
- ✓ The employer's response to the survey may reflect conditions that are atypical. The employer may be experiencing a temporary shutdown, seasonal high or low employment, or a temporary increase in demand for his/her product or service.

Occupational projections data indicate the major local occupations and which occupations are likely to offer the greatest number of job opportunities. When possible, the user should focus on larger groups rather than specific occupations. Some occupations may not appear in published tables because of the

very small number of people employed in that area or because of confidentiality concerns.

Although an occupation may be stable and is not expected to grow, it does not mean that there are no opportunities for employment. All occupations have turnover opportunities - individuals change or leave their jobs permanently for varying reasons. High turnover, especially in occupations that require lower-skill levels, would mean that there are frequent openings even though there is little or no growth.

The occupational projections data are prepared for employment and training planners, vocational educators, and others who need information on future employment by occupation. The outlook information can be used in making occupational training decisions and career choices. Employers considering expansion or relocation may find the data helpful in understanding the occupational composition and trends in a county or geographic region.

Additional Sources of Information

For additional information on economic conditions in a particular county, you may contact the Labor Market Information Division's area consultants who are located in the community and are knowledgeable about the economic activities within the counties that they serve, and the local One Stop locations where additional publications on labor market information may be obtained. Other sources of information include:

- Wage And Salary Employment by Industry
- Bureau of Labor Statistics, Occupational Outlook Handbook
- California Occupational Guides
- Bureau of Labor Statistics, Dictionary of Occupational Titles

- California Association for Local Economic Development (CALED)
- Local Chambers of Commerce
- Local Economic Development Organizations
- Local Newspapers
- Standard Industrial Classification Manual

Automated Access

Electronic access to current data is available through the Employment Development Department's Internet address at:

<http://www.calmis.ca.gov>

For technical assistance or additional information about the Employment Development Department's Internet website, please call (916) 262-2162 and select option #2. Customers may also call (916) 262-2162 or FAX (916) 262-2443 to order other publications.

Description Of Industry and Occupational Tables

Employment includes nonagricultural wage and salary workers except for self-employed persons, unpaid family workers, private household workers, and those involved in labor-management trade disputes. For the Federal government sector, employment includes all civilian employees regardless of the activities in which they are engaged.

An **industry division** refers to a distinct group of private, public, or nonprofit enterprises engaged in producing goods or providing services. With the exception of government, industries are classified by the Standard Industrial Classification (SIC) system. Industries are grouped into ten major categories, according to the economic activity involved. The ten major categories or industry divisions are:

Agriculture, Forestry, and Fishing (SIC 01-09) includes establishments primarily engaged in agricultural production, forestry, commercial fishing, hunting and trapping, and related services.

Mining (SIC 10-14) includes all establishments involved in the extraction of minerals, crude petroleum, and natural gas. It includes quarrying, well operations, milling, and other related activities.

Construction (SIC 15-17) includes establishments engaged in contract construction. This includes new work, additions, alterations, and repairs performed by general and special trade contractors.

Manufacturing (SIC 20-39) includes establishments which are usually described as plants, factories, or mills that are engaged in producing or processing non-durable or durable goods. These characteristically use power-driven machines and material-handling equipment.

Transportation and Public Utilities (SIC 40-49) includes enterprises engaged in passenger and freight transportation by surface, water, and air and warehousing and other transportation services. It also includes the communications complex of telephone, telegraph, radio, and television; and the utilities providing gas, electric, and sanitary services.

Wholesale Trade (SIC 50-51) includes establishments involved in the selling of merchandise to retailers; to industrial, commercial, farm, construction contractors, or professional business users; or to other wholesalers.

Retail Trade (SIC 52-59) includes establishments involved in the selling of merchandise for personal or household consumption and rendering services incidental to the sale of goods.

Finance, Insurance, and Real Estate (SIC 60-67) includes banks, savings and loan institutions, and security and commodity brokerages, insurance agencies and carriers, real estate sales and management offices, and rental and planning agencies.

Services (SIC 70-89) includes establishments such as hotels, laundries, auto repair shops, theaters, legal services, advertising services, private schools and hospitals, and nonprofit organizations which are engaged in rendering a variety of services to individuals and businesses.

Government includes the legislative, judicial, administrative, and regulatory activities of federal, state, local and international governments. It also includes federal, state, and local government hospitals and education.

Industry Tables

Employment By Major Industry -Table 1

This table shows 1997 estimated employment and 2004 projected employment along with the percentage of total employment for each major industry division.

Employment By Industry - Table 2

This table shows employment and projected employment by industry. The number of jobs is estimated for 1997 and projected for 2004. The column entitled "SIC" lists the Standard Industrial Classification code for each industry grouping. The column labeled "Absolute Change" provides the projected change in employment between 1997 and 2004. The "Percent Change" column is the growth rate over the seven-year period.

Occupational groups are groups of occupations with similar skills and/or educational requirements, based on the OES groupings. There are over 800 detailed occupations and close to 100 summary level occupations in the Occupational Employment Statistics (OES) classification system. The seven occupational groups are listed below.

Managers And Administrative occupations are top and mid-level managers, administrators, and executives. Primary duties are policy making, planning, staffing, directing or controlling the activities of a firm. First-line supervisors are excluded from this category.

Professional, Paraprofessional, And Technical occupations are concerned with theoretical or practical aspects of such fields as science, art, education, health, law, and business relations. Professional occupations generally require long and intensive preparation, while technical occupations work closely with professional personnel and are required to have a combination of basic scientific knowledge and specialized education.

Sales And Related occupations are concerned with influencing customers to buy commodities, services, real estate, and investments.

Clerical And Administrative Support occupations prepare, transcribe, systematize, and preserve written communications and records; distribute information; and collect accounts.

Service Occupations prepare and serve food and drink; provide lodging and related services; provide grooming, cosmetic, and other personal and health care services; maintain and clean clothing and other wearing apparel; provide protection for people and property; attend to the comfort or requests of patrons of amusement and recreation facilities; and perform cleaning and maintenance services in the interiors of buildings.

Agricultural, Forestry, And Fishing occupations in this report include only forestry workers, nursery workers, animal caretakers, and gardeners and groundskeepers.

Production, Construction, Operating, Maintenance, and Material Handling are skilled, semi-skilled, and unskilled workers performing machine and manual tasks involving production, construction, operating maintenance, repair, and material handling operations.

Occupational Tables

Employment By Major Occupational Group - Table 3

This table shows 1997 and 2004 employment and projected employment for the seven major occupational groups. The "Percent of Total" column displays the percentage of total employment each major occupational group represents. The "Absolute Change" column gives the number of job opportunities resulting from the creation of new jobs. "Percent Change" shows the percentage change for each occupational group.

Occupations With The Greatest Absolute Job Growth - Table 4

This table lists the 50 occupations that are projected to register the largest absolute change between 1997 and 2004. In general, these occupations are numerically large. Some have average projected rates of growth, but because of their employment size will add significant numbers of new jobs over the 1997-2004 period.

Occupations With The Fastest Job Growth - Table 5

This table lists the 50 occupations with the greatest projected percentage increases. It provides a different perspective to future occupational employment changes. It is important to note that some of these occupations are increasing rapidly from relatively small employment levels and are not necessarily found in Table 4.

Occupational Employment Projections - Table 6

This table provides occupational detail for up to 800 occupations. Annual average employment in each occupation is shown for 1997 and 2004. The column headed "Absolute Change" presents the number of job opportunities resulting from the creation of new jobs. The "Percent Change" column shows the percentage change for each occupation. The next column, "Openings Due to Separations", shows job opportunities that are created by workers leaving the occupation. Also included in this table is the Occupational Employment Statistics (OES) codes column. It shows the distinctive California OES code for each occupational title.

Each occupation in Table 6 is identified by a line number. The Alphabetical Index of Occupations section found in this module may be used to locate individual occupations in the detailed

table. The same line numbers are used in all area reports for 1997-2004. Line numbers may be different for other time periods. Not all line numbers appear in all counties; missing line numbers indicate occupations with no employment or employment below the area's cutoff point for publishing.

Occupations With The Most Openings - Table 7 (Growth Plus Separations)

This table lists the occupations that are projected to register the largest absolute growth and separations between 1997 and 2004. In general, these occupations are numerically large. Some have average projected rates of growth, but because of their employment size will add significant numbers of new job openings over the 1997-2004 period.

Occupations With Projected Decline - Table 8

This table lists the occupations that are projected to decline over the 1997-2004 time period. Declining employment is a sign that the occupation has no growth. However, turnover may result in some job opportunities.

Training Level Definitions

Occupational training and education classifications were developed by the Bureau of Labor Statistics to improve on prior classification systems that did not distinguish between occupations with comparable educational requirements. For example, neither carpenters nor laborers require formal education beyond high school, but the complexity of the work and the training time required results in carpenters being placed in the long-term on-the-job training category and laborers placed in the short-term on-the-job training category. Of course there is more than one way to qualify for a job. In this classification system, the education and training required reflects the manner in which most workers become proficient in that occupation and the preferences of most employers.

1. First professional degree. Occupations that require at least two years of full-time academic study beyond a bachelor's degree (for example, law, medicine, dentistry and clergy).

2. Doctoral degree. Occupations that require at least three years of full-time academic study beyond a bachelor's degree culminating in a doctoral degree.

3. Master's degree. Occupations that require the completion of a master's degree program which is usually one to two years beyond a bachelor's degree.

4. Bachelor's or higher and some work experience. Occupations that generally require work experience in an occupation requiring a bachelor's or higher degree. Most occupations in this category are managerial occupations that require work experience in a related non-managerial occupation.

5. Bachelor's degree. Occupations that require the completion of at least 4 but not more than 5 years of full-time academic study beyond high school resulting in a Bachelor's degree.

6. Associate degree. Occupations that require the completion of at least 2 years of full-time academic study beyond high school.

7. Post-secondary vocational education. Occupations that require completion of vocational school training.

8. Work experience. Occupations that require skills obtained through work experience in a related occupation.

9. Long-term on-the-job training. Occupations that require more than 12 months of on-the-job training or combined work experience and formal classroom instruction for workers to develop the skills needed for average job performance.

10. Moderate-term on-the-job training. Occupations in which workers can develop average job performance after 1 to 12 months of combined on-the-job experience and informal training.

11. Short-term on-the-job-training. Occupations in which workers can develop skills needed after a short demonstration or up to one month of on-the-job experience and instruction.

Industry Trends and Outlook

Los Angeles County's total nonfarm wage and salary employment is projected to grow by 508,300 jobs between 1999 and 2006, as the region's economy continues to expand and diversify. The total number of nonfarm jobs is expected to increase by 12.7 percent from 4,002,900 in 1999 to 4,511,200 in 2006. Nearly half of the job growth will be in the services industry division, which is expected to account for 46 percent of all the new jobs during the seven-year forecast period. Significant gains are also projected in all other major Los Angeles industry divisions with the exception of mining, which has been declining and is expected to lose 500 jobs during the projection period. Presented below in descending order (based on 1999 employment) are projections for Los Angeles County's major industry divisions.

Services, which employed 1,315,500 in 1999 and accounts for nearly a third of all nonfarm jobs in Los Angeles County, is the largest industry division. Services is expected to create the largest number of new jobs with an expected addition of 234,000 jobs, representing a 17.8 percent growth rate with employment reaching 1,549,500 by the year 2006. Over half (57 percent) of the services employment gains are expected in business services, where employment is projected to grow by 132,800 jobs. Growth in business services employment will be driven by gains in personnel supply and temporary help services, and increased demand for computer programming and computer related services. Smaller but still substantial job growth is expected in other services (up 22,100), health services (up 21,500), and private educational services (up 18,500).

Manufacturing is the county's second largest industry division and employed 641,600 in 1999. However, between 1999 and 2006 this industry division is expected to add 15,200 jobs, a growth rate of 2.4 percent, ranking it eighth in terms of job growth. By the end of the projection period in 2006, employment in manufacturing is expected to total 656,800. Because of its relatively slow growth, the industry is predicted to decline from second to third place in terms of its share of total Los Angeles County employment. Job growth in manufacturing is expected to be greater in the nondurable good sector where employment is projected to grow by 8,500 jobs. Notable gains in this sector are forecast for food and kindred products, printing and publishing, and chemicals and allied products. The durable goods sector is projected to add 6,800 jobs. The largest gains are projected in furniture and fixtures, lumber and wood products, and fabricated metal products.

Totaling a payroll of 615,100 in 1999, **Retail trade** is the third largest industry division in Los Angeles County and is expected to produce the third largest number of new jobs during the projection period. With growth projected at 10.7 percent, employment is estimated to grow by 65,600 jobs to reach a total of 680,700 by 2006. Growth is anticipated in all segments of this division, but by far, the largest gains will be in eating and drinking places, which will grow by 26,000 jobs, and other retail, which will expand by 17,900 jobs.

Government is the fourth largest industry division in the county, but it is expected to create the second largest number of new

jobs during the projection period. Government employed 561,600 in 1999 and is expected to add 75,700 new jobs by 2006. This represents an increase of 13.5 percent and would expand employment to a total of 637,300 jobs. Most of the job growth will be in local and state education due to a rapidly expanding school age population and mandated smaller classroom sizes. In contrast, federal government employment is projected to decline during this period by 1,400 jobs.

Wholesale trade employed 272,800 in 1999 and is forecast to expand by 17,300 jobs (6.3 percent) with employment reaching 290,100 by 2006. Wholesale-durable is expected to add 8,500 jobs, while wholesale-nondurable expands by 8,800 jobs.

The **Transportation and public utilities** division is projected to expand by 44,000 jobs, an 18.7 percent increase, bringing employment in the industry to 278,700 from the 1999 level of 234,700. The transportation sector will account for 27,800 of the new jobs, a 16.9 percent growth rate. The communications and public utilities sector will add 16,200 jobs, a 23.0 percent increase.

Finance, insurance and real estate employment is projected to grow 10.1 percent, from 231,600 in 1999 to 255,100 in 2006, an increase of 23,500 jobs. Finance, the largest sector in this industry division, is expected to increase by 10,900 jobs. Although the proliferation of automated teller machines and on-line banking is expected to depress the demand for some workers, this decrease should be offset by employment gains in centralized operations, such as call centers and data processing services. The insurance and real estate sectors combined are forecast to add 12,500 jobs during the projection period.

Construction, which employed 125,800 in 1999 and has been on the rebound in recent years, is the industry division projected to have the highest growth rate during the projection period, with gains forecast at 26.6 percent. This translates to an increase of 33,400 jobs by 2006. Demand for construction workers is anticipated for both residential and commercial developments and for all sectors, but job gains will be concentrated in the special trade group with 19,900 additional jobs projected.

Mining employment, which has been declining for a number of years in Los Angeles County, is expected to continue the downward trend. Employment in mining is projected to decrease by an additional 500 jobs during the seven-year forecast period.

Table 1
Employment By Major Industry (1)
1999 - 2006 Annual Averages
LOS ANGELES COUNTY

INDUSTRY	1999 (2)	PERCENT OF TOTAL	2006	PERCENT OF TOTAL
TOTAL NONFARM	4,002,900	100.0%	4,511,200	100.0%
MINING	4,300	0.1%	3,800	0.1%
CONSTRUCTION	125,800	3.1%	159,200	3.5%
MANUFACTURING	641,600	16.0%	656,800	14.6%
TRANSPORTATION & PUBLIC UTILITIES	234,700	5.9%	278,700	6.2%
TRADE	887,800	22.2%	970,800	21.5%
FINANCE, INSURANCE, & REAL ESTATE	231,600	5.8%	255,100	5.7%
SERVICES	1,315,500	32.9%	1,549,500	34.3%
GOVERNMENT	561,600	14.0%	637,300	14.1%

- (1) Employment and projections contained in these tables are considered estimates (see introduction for a full explanation of data limitations). Employment is reported by place of work and excludes self-employed persons, unpaid family workers, domestics, volunteers, and those involved in labor-management trade disputes. These data are based on 1987 Standard Industrial Classifications. Annual average industry detail may not add up to totals due to independent rounding. Government data include all civilian government employees regardless of the activities in which they are engaged.
- (2) March 2000 benchmark.

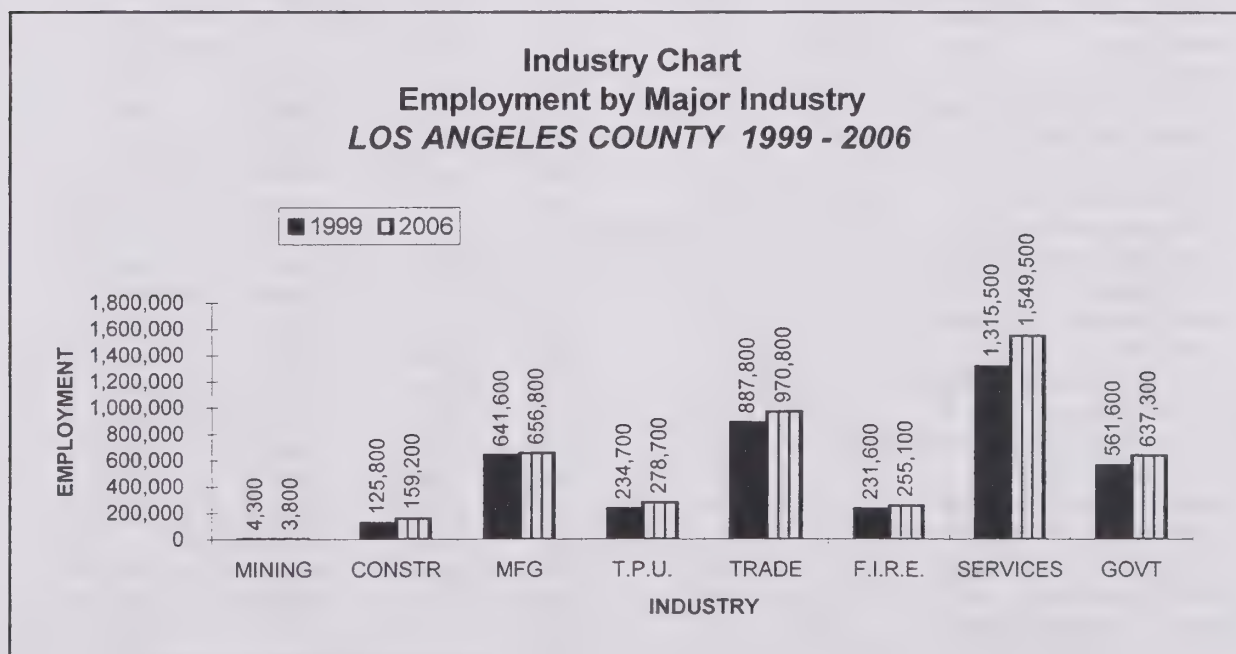


Table 2
Industry Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

INDUSTRY	SIC	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE
		1999 (2)	2006		
TOTAL NONFARM	074, 075, 078, 10-99 except 88	4,002,900	4,511,200	508,300	12.7
GOODS PRODUCING	10-39	771,600	819,800	48,200	6.2
MINING	10-14	4,300	3,800	-500	-11.6
Oil & Gas Extraction	13	3,500	3,000	-500	-14.3
Other Mining		800	800	0	0.0
CONSTRUCTION	15-17	125,800	159,200	33,400	26.6
General Building Contractors	15	30,400	42,000	11,600	38.2
Heavy Construction	16	9,800	11,700	1,900	19.4
Special Trade	17	85,600	105,500	19,900	23.2
MANUFACTURING	20-39	641,600	656,800	15,200	2.4
Durable Goods	24, 25, 32-39	352,700	359,500	6,800	1.9
Lumber & Wood Products	24	12,100	14,100	2,000	16.5
Millwork, Plywood	243	7,100	8,400	1,300	18.3
Other Lumber & Wood Products	24X	5,100	5,700	600	11.8
Furniture & Fixtures	25	27,900	31,600	3,700	13.3
Household Furniture	251	18,200	20,500	2,300	12.6
Other Furniture	25X	9,800	11,100	1,300	13.3
Stone, Clay, & Glass	32	12,800	14,000	1,200	9.4
Pottery & Related	326	1,300	1,500	200	15.4
Concrete, Gypsum, & Plaster	327	3,600	4,300	700	19.4
Other Stone, Clay, & Glass	32X	7,900	8,200	300	3.8
Primary Metals	33	15,000	15,400	400	2.7
Iron & Steel Foundries	332	3,200	3,200	0	0.0
Nonferrous Rolling & Drawing	335	3,600	4,400	800	22.2
Nonferrous Castings	336	3,500	3,600	100	2.9
Other Primary Metals	33X	4,800	4,200	-600	-12.5
Fabricated Metal Products	34	48,100	50,200	2,100	4.4
Cutlery & Handtools	342	4,000	3,800	-200	-5.0
Fabricated Structural Metal	344	10,700	11,900	1,200	11.2
Screw Machine Prod., Bolts	345	7,200	7,200	0	0.0
Metal Forgings & Stampings	346	4,700	4,700	0	0.0
Metal Services, NEC	347	10,000	11,100	1,100	11.0
Other Fabricated Metal Products	34X	11,500	11,500	0	0.0
Industrial Machinery	35	45,800	46,800	1,000	2.2
Construction & Related Machinery	353	2,600	3,900	1,300	50.0
Metalworking Machinery	354	7,400	7,500	100	1.4
General Industrial Machinery	356	5,000	4,900	-100	-2.0
Computer & Office Equipment	357	6,700	6,700	0	0.0
Other Industrial Machinery	35X	24,100	23,800	-300	-1.2
Electronic Equipment	36	43,800	43,700	-100	-0.2
Electric Industrial Apparatus	362	2,300	2,200	-100	-4.3
Household Appliances	363	1,000	1,100	100	10.0
Lighting & Wiring Equipment	364	9,000	9,500	500	5.6

Table 2
Industry Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

INDUSTRY	SIC	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE
		1999 (2)	2006		
Household Audio & Video	365	5,300	4,800	-500	-9.4
Communication Equipment	366	4,600	4,800	200	4.3
Electrical Components	367	16,000	16,000	0	0.0
Other Electronic Equipment	36X	5,600	5,300	-300	-5.4
Transportation Equipment	37	76,200	69,800	-6,400	-8.4
Motor Vehicles & Equipment	371	13,000	11,800	-1,200	-9.2
Aircraft & Parts	372	58,300	51,600	-6,700	-11.5
Ship & Boat Building/Repair	373	1,200	1,400	200	16.7
Missiles, Spacecraft & Part	376	1,900	2,200	300	15.8
Other Transportation Equipment	37X	1,900	2,800	900	47.4
Instruments & Related Products	38	52,400	53,900	1,500	2.9
Search & Navigation Equipment	381	33,100	32,500	-600	-1.8
Measuring & Control Devices	382	7,300	7,800	500	6.8
Other Instruments & Related	38X	11,900	13,600	1,700	14.3
Miscellaneous Manufacturing	39	18,600	20,000	1,400	7.5
Toys & Sporting Goods	394	4,500	4,900	400	8.9
Other Misc. Manufacturing	39X	14,100	15,100	1,000	7.1
Nondurable Goods	20-23, 26-31	288,800	297,300	8,500	2.9
Food & Kindred Products	20	46,100	50,200	4,100	8.9
Meat Products	201	4,300	4,600	300	7.0
Dairy Products	202	5,500	6,500	1,000	18.2
Preserved Fruits & Vegetables	203	6,400	7,800	1,400	21.9
Bakery Products	205	9,300	10,600	1,300	14.0
Beverages	208	5,200	6,100	900	17.3
Canned, Cured & Frozen Seafood	2091, 2092	1,800	1,600	-200	-11.1
Other Food & Kindred Products	20X	13,600	13,000	-600	-4.4
Textile Mill Products	22	16,600	18,800	2,200	13.3
Apparel & Other Textile Products	23	101,300	99,000	-2,300	-2.3
Men's/Boy's Suits/Coats/Fur	231, 232	5,200	5,200	0	0.0
Wmn's/Childs Outer/Underwear	233, 234, 236	78,300	73,800	-4,500	-5.7
Other Apparel & Textile Products	23X	17,700	20,000	2,300	13.0
Paper & Allied Products	26	15,600	15,300	-300	-1.9
Pulp, Paper, Paperboard Mil	261, 262, 263	1,400	1,500	100	7.1
Paperboard Containers/Boxes	265	6,700	6,400	-300	-4.5
Misc. Converted Paper Products	267	7,500	7,400	-100	-1.3
Printing & Publishing	27	48,700	52,100	3,400	7.0
Newspapers	271	11,900	12,200	300	2.5
Commercial Printing	275	20,900	23,200	2,300	11.0
Other Printing & Publishing	27X	16,000	16,700	700	4.4
Chemicals & Allied Products	28	25,500	28,200	2,700	10.6
Drugs	283	7,100	8,400	1,300	18.3
Soap, Cleaners, Toilet Good	284	7,900	9,200	1,300	16.5
Paints & Allied Products	285	2,400	2,400	0	0.0
Other Chem. & Allied Products	28X	8,100	8,200	100	1.2
Petroleum & Coal Products	29	6,500	5,600	-900	-13.8
Petro Refining	291	5,300	4,300	-1,000	-18.9
Other Petroleum & Coal Products	29X	1,200	1,300	100	8.3

Table 2
Industry Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

INDUSTRY	SIC	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE
		1999 (2)	2006		
Rubber & Misc. Plastics Products	30	25,000	24,300	-700	-2.8
Fabr Rubber Products	306	2,600	2,600	0	0.0
Misc. Plastics Products	308	20,800	19,700	-1,100	-5.3
Other Rubber & Plastics Products	30X	1,600	2,000	400	25.0
Leather & Leather Products	31	3,500	3,800	300	8.6
SERVICE PRODUCING	074, 075, 078, 40-99 except 88	3,231,300	3,691,400	460,100	14.2
TRANSPORTATION & PUBLIC UTILITIES	40-42, 44-49	234,700	278,700	44,000	18.7
Transportation	40-42, 44-47	164,400	192,200	27,800	16.9
Trucking & Warehousing	42	51,000	59,000	8,000	15.7
Water Transportation	44	13,500	21,000	7,500	55.6
Air Transportation	45	54,100	59,400	5,300	9.8
Other Transportation		45,800	52,900	7,100	15.5
Communications & Public Utilities	48, 49	70,300	86,500	16,200	23.0
Communications	48	50,900	67,800	16,900	33.2
Electric, Gas & Sanitary Services	49	19,400	18,700	-700	-3.6
TRADE	50-59	887,800	970,800	83,000	9.3
Wholesale Trade	50, 51	272,800	290,100	17,300	6.3
Wholesale--Durable	50	154,400	162,900	8,500	5.5
Wholesale--Nondurable	51	118,400	127,200	8,800	7.4
Retail Trade	52-59	615,100	680,700	65,600	10.7
Bldng Materials & Garden Supplies	52	18,400	24,500	6,100	33.2
General Merchandise	53	59,700	62,400	2,700	4.5
Food Stores	54	84,900	86,600	1,700	2.0
Automotive Dealers & Service	55	59,500	64,800	5,300	8.9
Apparel & Accessory Stores	56	37,800	43,700	5,900	15.6
Eating & Drinking Places	58	232,800	258,800	26,000	11.2
Other Retail Trade		122,000	139,900	17,900	14.7
FINANCE, INSURANCE & REAL ESTATE	60-65, 67	231,600	255,100	23,500	10.1
Finance	60-62, 67	111,900	122,800	10,900	9.7
Depository Institutions	60	61,400	61,400	0	0.0
Nondepository Institutions	61	21,400	23,600	2,200	10.3
Security & Commodity Brokers	62	19,200	25,800	6,600	34.4
Holding & Investment	67	9,800	12,000	2,200	22.4
Insurance	63, 64	64,300	70,200	5,900	9.2
Real Estate	65	55,500	62,100	6,600	11.9
SERVICES	074, 075, 078, 70-89 except 88	1,315,500	1,549,500	234,000	17.8
Hotels & Other Lodging Places	70	39,900	46,600	6,700	16.8
Personal Services	72	37,600	41,800	4,200	11.2
Business Services	73	328,200	461,000	132,800	40.5
Motion Services	78	153,100	161,700	8,600	5.6

Table 2
Industry Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

INDUSTRY	SIC	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE
		1999 (2)	2006		
Movie Production	781	137,900	145,100	7,200	5.2
Other Motion Pictures	78X	15,200	16,600	1,400	9.2
Amusement & Recreation Services	79	52,100	59,400	7,300	14.0
Health Services	80	267,200	288,700	21,500	8.0
Private Educational Services	82	79,400	97,900	18,500	23.3
Engineering & Management	87	115,300	127,700	12,400	10.8
Other Services		242,600	264,700	22,100	9.1
GOVERNMENT		561,600	637,300	75,700	13.5
Federal Government		57,100	55,700	-1,400	-2.5
Department of Defense		3,800	4,000	200	5.3
Other Federal Government		53,300	51,700	-1,600	-3.0
State & Local Government		504,600	581,600	77,000	15.3
State Government		75,000	83,500	8,500	11.3
State Education		44,400	52,100	7,700	17.3
Other State Government		30,500	31,400	900	3.0
Local Government		429,600	498,000	68,400	15.9
Local Education		238,700	290,300	51,600	21.6
Local Noneducation		190,900	207,700	16,800	8.8

- (1) Employment and projections contained in these tables are considered estimates (see introduction for a full explanation of data limitations). Employment is reported by place of work and excludes self-employed persons, unpaid family workers, domestics, volunteers, and those involved in labor-management trade disputes. These data are based on 1987 Standard Industrial Classifications. Annual average industry detail may not add up to totals due to independent rounding. Government data include all civilian government employees regardless of the activities in which they are engaged.
- (2) March 2000 benchmark.

Table 3
Employment by Major Occupational Group
1999 - 2006 Annual Averages
LOS ANGELES COUNTY

OCCUPATIONAL GROUP	1999	PERCENT OF TOTAL	2006	PERCENT OF TOTAL	ABSOLUTE CHANGE	PERCENT CHANGE
TOTAL, ALL OCCUPATIONS (1)	4,002,900	100.0%	4,511,200	100.0%	508,300	12.7%
MANAGERS AND ADMIN OCCUPATIONS	271,850	6.8%	305,130	6.8%	33,280	12.2%
PROFESSIONAL, PARAPROF, TECHNICAL	857,160	21.4%	1,002,290	22.2%	145,130	16.9%
SALES AND RELATED OCCUPATIONS	444,130	11.1%	509,870	11.3%	65,740	14.8%
CLERICAL, ADMINISTRATIVE SUPPORT	762,460	19.0%	822,590	18.2%	60,130	7.9%
SERVICE OCCUPATIONS	579,990	14.5%	656,530	14.6%	76,540	13.2%
AGRICULTURAL, FORESTRY, FISHING	39,730	1.0%	46,300	1.0%	6,570	16.5%
PROD, CONST, OPER, MAT HANDLING	1,047,540	26.2%	1,168,440	25.9%	120,900	11.5%

(1) Total is based on the March 2000 benchmark.

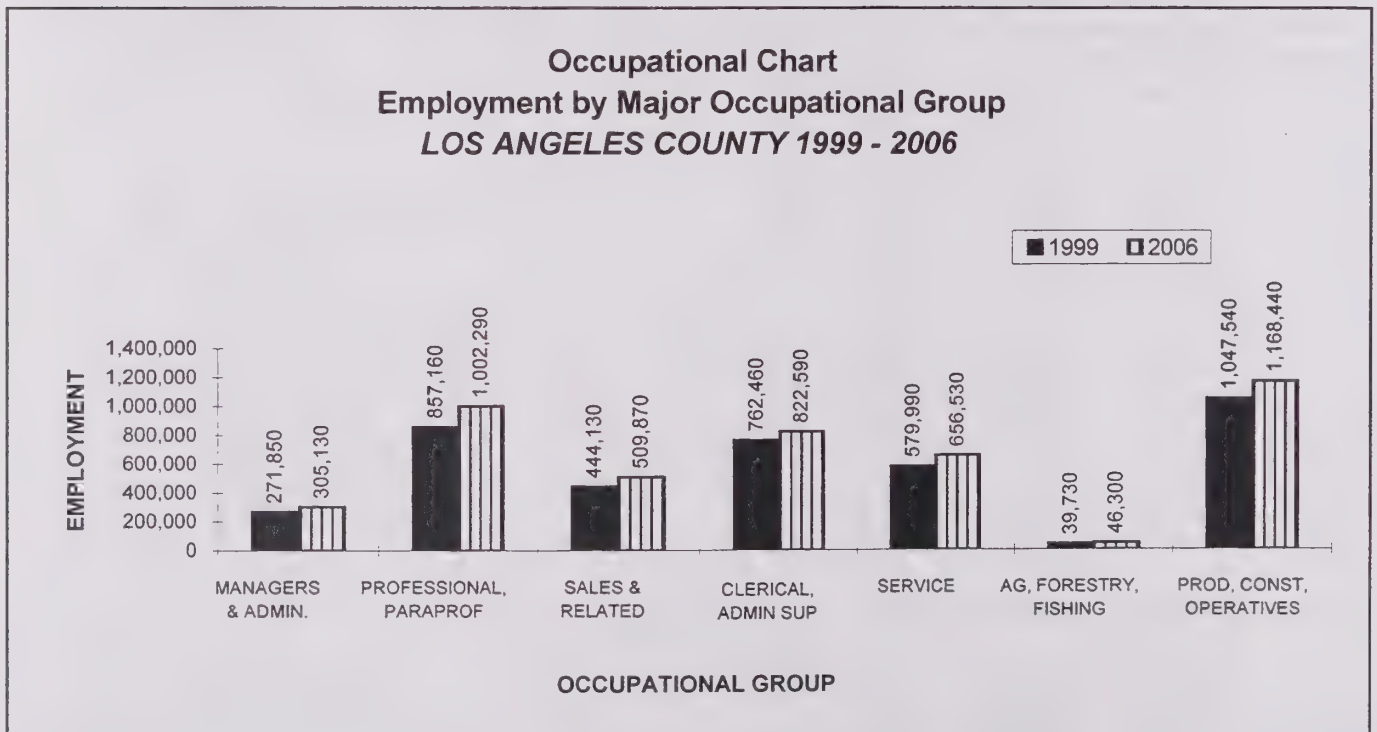


Table 4
Occupations With The Greatest Absolute Job Growth (1)
1999 - 2006
LOS ANGELES COUNTY

CA OES CODE	OCCUPATION	ANNUAL AVERAGES		NUMBER OF NEW JOBS	PERCENT CHANGE	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
		1999(2)	2006				
49011	SALESPERSONS, RETAIL	110,170	126,120	15,950	14.5	11	SHORT-TERM ON-THE-JOB TRAINING
63047	GUARDS AND WATCH GUARDS	49,430	64,610	15,180	30.7	11	SHORT-TERM ON-THE-JOB TRAINING
19005	GENERAL MANAGERS, TOP EXECUTIVES	108,770	122,320	13,550	12.5	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
55347	GENERAL OFFICE CLERKS	103,090	115,890	12,800	12.4	11	SHORT-TERM ON-THE-JOB TRAINING
49023	CASHIERS	82,820	94,550	11,730	14.2	11	SHORT-TERM ON-THE-JOB TRAINING
31521	TEACHER AIDES, PARAPROFESSIONAL	28,720	38,740	10,020	34.9	6	ASSOCIATE DEGREE
67005	JANITORS, CLEANERS--EXCEPT MAIDS	55,070	64,660	9,590	17.4	11	SHORT-TERM ON-THE-JOB TRAINING
31308	TEACHERS--SECONDARY SCHOOL	35,650	45,160	9,510	26.7	5	BACHELOR'S DEGREE
31305	TEACHERS--ELEMENTARY SCHOOL	50,870	60,220	9,350	18.4	5	BACHELOR'S DEGREE
97105	TRUCK DRIVERS, LIGHT	40,670	48,260	7,590	18.7	11	SHORT-TERM ON-THE-JOB TRAINING
25102	SYSTEMS ANALYSTS--ELEC DATA PROCESSING	12,560	19,750	7,190	57.2	5	BACHELOR'S DEGREE
55305	RECEPTIONISTS, INFORMATION CLERKS	49,740	56,150	6,410	12.9	11	SHORT-TERM ON-THE-JOB TRAINING
25104	COMPUTER SUPPORT SPECIALISTS	11,800	17,990	6,190	52.5	5	BACHELOR'S DEGREE
97102	TRUCK DRIVERS, HEAVY	27,290	32,860	5,570	20.4	11	SHORT-TERM ON-THE-JOB TRAINING
65008	WAITERS AND WAITRESSES	50,770	56,100	5,330	10.5	11	SHORT-TERM ON-THE-JOB TRAINING
87102	CARPENTERS	19,150	24,460	5,310	27.7	9	LONG-TERM ON-THE-JOB TRAINING
32502	REGISTERED NURSES	51,240	56,520	5,280	10.3	6	ASSOCIATE DEGREE
49026	TELEMARKETERS, SOLICITORS & RELATED	15,720	20,950	5,230	33.3	11	SHORT-TERM ON-THE-JOB TRAINING
79041	LABORERS, LANDSCAPING/GRNDSKEEPING	28,660	33,640	4,980	17.4	11	SHORT-TERM ON-THE-JOB TRAINING
53905	TEACHER AIDES & EDUC ASSTS, CLERICAL	17,150	21,620	4,470	26.1	11	SHORT-TERM ON-THE-JOB TRAINING
34056	PRODUCERS, DIRECTORS, ACTORS	35,570	39,900	4,330	12.2	9	LONG-TERM ON-THE-JOB TRAINING
31311	TEACHERS--SPECIAL EDUCATION	12,300	16,600	4,300	35.0	5	BACHELOR'S DEGREE
58023	STOCK CLERKS--STOCKROOM, WAREHOUSE	33,810	37,950	4,140	12.2	11	SHORT-TERM ON-THE-JOB TRAINING
98902	HAND PACKERS AND PACKAGERS	32,060	36,080	4,020	12.5	11	SHORT-TERM ON-THE-JOB TRAINING
49034	DEMONSTRATORS AND PROMOTERS	10,290	14,200	3,910	38.0	10	MODERATE-TERM ON-THE-JOB TRAINING

Table 4
Occupations With The Greatest Absolute Job Growth (1)
1999 - 2006
LOS ANGELES COUNTY

CA OES CODE	OCCUPATION	ANNUAL AVERAGES		NUMBER OF NEW JOBS	PERCENT CHANGE	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
		1999(2)	2006				
65041	COMBINED FOOD PREP AND SERVICE	52,560	56,320	3,760	7.2	11	SHORT-TERM ON-THE-JOB TRAINING
92974	PACKAGING, FILLING MACH OPS, TENDERS	17,400	21,090	3,690	21.2	10	MODERATE-TERM ON-THE-JOB TRAINING
43017	SALES AGENTS--SEL BUS SERVICES	10,490	13,960	3,470	33.1	10	MODERATE-TERM ON-THE-JOB TRAINING
85132	MAINT REPAIRERS, GENL UTILITY	32,280	35,510	3,230	10.0	9	LONG-TERM ON-THE-JOB TRAINING
93956	ASSEMB, FABRICATORS--EX MACH,ELECT	37,680	40,900	3,220	8.5	11	SHORT-TERM ON-THE-JOB TRAINING
22127	COMPUTER ENGINEERS	8,460	11,660	3,200	37.8	5	BACHELOR'S DEGREE
53123	ADJUSTMENT CLERKS	13,050	16,030	2,980	22.8	11	SHORT-TERM ON-THE-JOB TRAINING
63014	POLICE PATROL OFFICERS	12,450	15,410	2,960	23.8	9	LONG-TERM ON-THE-JOB TRAINING
43014	SALES AGENTS--FINANCIAL SERVICES	8,350	11,280	2,930	35.1	9	LONG-TERM ON-THE-JOB TRAINING
13011	MKTING, ADV, PUB-REL MANAGERS	17,170	20,090	2,920	17.0	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
65026	COOKS--RESTAURANT	21,830	24,690	2,860	13.1	9	LONG-TERM ON-THE-JOB TRAINING
65038	FOOD PREPARATION WORKERS	40,910	43,720	2,810	6.9	11	SHORT-TERM ON-THE-JOB TRAINING
67002	MAIDS AND HOUSEKEEPING CLEANERS	21,070	23,690	2,620	12.4	11	SHORT-TERM ON-THE-JOB TRAINING
85702	TELEPHONE, CABLE TV INSTALLERS	6,380	8,900	2,520	39.5	9	LONG-TERM ON-THE-JOB TRAINING
21114	ACCOUNTANTS AND AUDITORS	30,490	32,940	2,450	8.0	5	BACHELOR'S DEGREE
55108	SECRETARIES, GENERAL	69,420	71,830	2,410	3.5	7	POST-SECONDARY VOCATIONAL EDUCATION
53508	BILL AND ACCOUNT COLLECTORS	10,290	12,690	2,400	23.3	11	SHORT-TERM ON-THE-JOB TRAINING
66008	NURSE AIDES, ORDERLIES, ATTENDANTS	25,080	27,460	2,380	9.5	11	SHORT-TERM ON-THE-JOB TRAINING
87202	ELECTRICIANS	12,300	14,640	2,340	19.0	9	LONG-TERM ON-THE-JOB TRAINING
13017	ENGINEER, MATH, AND NAT SCI MGRS	9,220	11,430	2,210	24.0	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
28108	LAWYERS	15,640	17,770	2,130	13.6	1	FIRST PROFESSIONAL DEGREE
49008	SALES REPS, NON-SCIENTIFIC EX RETAIL	38,040	40,170	2,130	5.6	10	MODERATE-TERM ON-THE-JOB TRAINING
66005	MEDICAL ASSISTANTS	12,290	14,360	2,070	16.8	10	MODERATE-TERM ON-THE-JOB TRAINING
13002	FINANCIAL MANAGERS	21,790	23,830	2,040	9.4	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
85302	AUTOMOTIVE MECHANICS	18,350	20,370	2,020	11.0	9	LONG-TERM ON-THE-JOB TRAINING
TOTAL OF THESE OCCUPATIONS		1,636,360	1,896,040	259,680	15.9		

(1) Excludes not elsewhere classified (NEC) categories.

(2) March 2000 Benchmark

Table 5
Occupations With The Fastest Job Growth (1)
1999 - 2006
LOS ANGELES COUNTY

CA OES CODE	OCCUPATION	ANNUAL AVERAGES		NUMBER OF NEW JOBS	PERCENT CHANGE	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
		1999(2)	2006				
89707	ELECTRONIC PAGINATION SYSTEM WORKERS	910	1,510	600	65.9	9	LONG-TERM ON-THE-JOB TRAINING
25102	SYSTEMS ANALYSTS--ELEC DATA PROCESSING	12,560	19,750	7,190	57.2	5	BACHELOR'S DEGREE
25104	COMPUTER SUPPORT SPECIALISTS	11,800	17,990	6,190	52.5	5	BACHELOR'S DEGREE
34026	CAMERA OPS--TV AND MOTION PICTURE	510	770	260	51.0	10	MODERATE-TERM ON-THE-JOB TRAINING
31226	COMPUTER SCIENCE TEACHERS, POSTSEC	2,230	3,290	1,060	47.5	2	DOCTORAL DEGREE
98702	STEVEDORES--EX EQUIPMENT OPERATORS	4,430	6,450	2,020	45.6	11	SHORT-TERM ON-THE-JOB TRAINING
67008	PEST CONTROLLERS AND ASSISTANTS	1,980	2,820	840	42.4	10	MODERATE-TERM ON-THE-JOB TRAINING
31211	HEALTH DIAGNOSTICS TEACHERS, POSTSEC	550	780	230	41.8	2	DOCTORAL DEGREE
85502	CENTRAL OFFICE AND PBX INSTALLERS	300	420	120	40.0	7	POST-SECONDARY VOCATIONAL EDUCATION
85702	TELEPHONE, CABLE TV INSTALLERS	6,380	8,900	2,520	39.5	9	LONG-TERM ON-THE-JOB TRAINING
97944	CRANE AND TOWER OPERATORS	800	1,110	310	38.8	10	MODERATE-TERM ON-THE-JOB TRAINING
49034	DEMONSTRATORS AND PROMOTERS	10,290	14,200	3,910	38.0	10	MODERATE-TERM ON-THE-JOB TRAINING
22127	COMPUTER ENGINEERS	8,460	11,660	3,200	37.8	5	BACHELOR'S DEGREE
87805	SHEET METAL DUCT INSTALLERS	1,330	1,830	500	37.6	10	MODERATE-TERM ON-THE-JOB TRAINING
31213	COMMUNICATIONS TEACHERS, POSTSEC	350	480	130	37.1	2	DOCTORAL DEGREE
28305	PARALEGAL PERSONNEL	3,840	5,250	1,410	36.7	6	ASSOCIATE DEGREE
25103	DATA BASE ADMINISTRATORS	2,650	3,590	940	35.5	5	BACHELOR'S DEGREE
32928	SURGICAL TECHNICIANS	1,450	1,960	510	35.2	7	POST-SECONDARY VOCATIONAL EDUCATION
43014	SALES AGENTS--FINANCIAL SERVICES	8,350	11,280	2,930	35.1	9	LONG-TERM ON-THE-JOB TRAINING
31311	TEACHERS--SPECIAL EDUCATION	12,300	16,600	4,300	35.0	5	BACHELOR'S DEGREE
31521	TEACHER AIDES, PARAPROFESSIONAL	28,720	38,740	10,020	34.9	6	ASSOCIATE DEGREE
31202	LIFE SCIENCES TEACHERS, POSTSEC	610	820	210	34.4	2	DOCTORAL DEGREE
49026	TELEMARKETERS, SOLICITORS & RELATED	15,720	20,950	5,230	33.3	11	SHORT-TERM ON-THE-JOB TRAINING
34014	BROADCAST NEWS ANALYSTS	450	600	150	33.3	9	LONG-TERM ON-THE-JOB TRAINING
43017	SALES AGENTS--SEL BUS SERVICES	10,490	13,960	3,470	33.1	10	MODERATE-TERM ON-THE-JOB TRAINING

Table 5
Occupations With The Fastest Job Growth (1)
1999 - 2006
LOS ANGELES COUNTY

CA OES CODE	OCCUPATION	ANNUAL AVERAGES		NUMBER OF NEW JOBS	PERCENT CHANGE	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
		1999(2)	2006				
53505	INVESTIGATORS--CLERICAL	880	1,170	290	33.0	11	SHORT-TERM ON-THE-JOB TRAINING
98312	HELPERS--CARPENTERS AND RELATED	3,380	4,490	1,110	32.8	11	SHORT-TERM ON-THE-JOB TRAINING
87302	BRICK MASONS	1,800	2,370	570	31.7	9	LONG-TERM ON-THE-JOB TRAINING
87317	PLASTERERS AND STUCCO MASONS	2,060	2,710	650	31.6	9	LONG-TERM ON-THE-JOB TRAINING
85112	MAINTENANCE MECHANICS--TEXTILE	350	460	110	31.4	9	LONG-TERM ON-THE-JOB TRAINING
32925	CARDIOLOGY TECHNOLOGISTS	420	550	130	31.0	6	ASSOCIATE DEGREE
63047	GUARDS AND WATCH GUARDS	49,430	64,610	15,180	30.7	11	SHORT-TERM ON-THE-JOB TRAINING
43023	SALES AGENTS--ADVERTISING	4,720	6,160	1,440	30.5	10	MODERATE-TERM ON-THE-JOB TRAINING
32302	RESPIRATORY CARE PRACTITIONERS	2,310	3,010	700	30.3	6	ASSOCIATE DEGREE
25315	FINANCIAL ANALYSTS, STATISTICAL	1,980	2,580	600	30.3	5	BACHELOR'S DEGREE
98316	HELPERS--ROOFERS	1,160	1,500	340	29.3	11	SHORT-TERM ON-THE-JOB TRAINING
97923	EXCAVATING, LOADING MACHINE OPS	480	620	140	29.2	10	MODERATE-TERM ON-THE-JOB TRAINING
81005	FIRST-LINE SUP/MGR-CONSTRUCTION	6,790	8,710	1,920	28.3	8	WORK EXP.
34041	INTERIOR DESIGNERS	780	1,000	220	28.2	5	BACHELOR'S DEGREE
31218	ART, DRAMA, MUSIC TEACHERS, POSTSEC	1,250	1,600	350	28.0	2	DOCTORAL DEGREE
87102	CARPENTERS	19,150	24,460	5,310	27.7	9	LONG-TERM ON-THE-JOB TRAINING
31237	PSYCHOLOGY TEACHERS, POSTSEC	1,370	1,750	380	27.7	2	DOCTORAL DEGREE
53908	ADVERTISING CLERKS	470	600	130	27.7	11	SHORT-TERM ON-THE-JOB TRAINING
31242	BUSINESS TEACHERS, POSTSEC	1,810	2,310	500	27.6	2	DOCTORAL DEGREE
31214	ENGLISH LANG & LIT TEACHERS, POSTSEC	1,790	2,280	490	27.4	2	DOCTORAL DEGREE
32314	SPEECH PATHOLOGISTS, AUDIOLOGISTS	1,540	1,960	420	27.3	3	MASTER'S DEGREE
31233	ECONOMICS TEACHERS, POSTSEC	330	420	90	27.3	2	DOCTORAL DEGREE
31117	GRADUATE ASSISTANTS, TEACHING	2,870	3,650	780	27.2	3	MASTER'S DEGREE
89805	BAKERS--MANUFACTURING	1,620	2,060	440	27.2	10	MODERATE-TERM ON-THE-JOB TRAINING
31244	LAW TEACHERS, POSTSEC	1,030	1,310	280	27.2	2	DOCTORAL DEGREE
TOTAL OF THESE OCCUPATIONS		257,230	348,050	90,820	35.3		

(1) Excludes not elsewhere classified (NEC) categories and occupations of less than 400 in 2006.

(2) March 2000 Benchmark

Table 6
Occupational Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
1		TOTAL, ALL OCCUPATIONS	4,002,900	4,511,200	508,300	12.7	707,160		
2	10000	MGRS AND ADMIN OCCUPATIONS	271,850	305,130	33,280	12.2	35,090		
3	13002	FINANCIAL MANAGERS	21,790	23,830	2,040	9.4	2,480	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
4	13005	PERS, TRAINING, LABOR-REL MGRS	7,100	8,080	980	13.8	1,230	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
5	13008	PURCHASING MANAGERS	6,360	6,760	400	6.3	1,020	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
6	13011	MKTNG, ADV, PUB-REL MANAGERS	17,170	20,090	2,920	17.0	1,770	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
7	13014	ADMINISTRATIVE SERVICES MANAGERS	14,060	15,300	1,240	8.8	1,770	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
8	13017	ENGINEER, MATH, AND NAT SCI MGRS	9,220	11,430	2,210	24.0	1,250	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
10	15005	EDUCATION ADMINISTRATORS	9,720	11,510	1,790	18.4	1,830	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
11	15008	MEDICINE, HEALTH SERVICES MGRS	5,320	6,120	800	15.0	700	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
12	15011	PROPERTY AND REAL ESTATE MANAGERS	5,120	5,900	780	15.2	510	5	BACHELOR'S DEGREE
13	15014	INDUSTRIAL PRODUCTION MANAGERS	6,600	6,770	170	2.6	810	5	BACHELOR'S DEGREE
14	15017	CONSTRUCTION MANAGERS	5,530	7,020	1,490	26.9	760	5	BACHELOR'S DEGREE
15	15021	MINING, OIL AND GAS, RELATED MGRS	110	80	-30	-27.3	10	8	WORK EXPERIENCE
16	15023	COMM, TRANS, UTIL OPER MGRS	4,880	5,870	990	20.3	650	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
17	15026	FOOD SERVICE AND LODGING MANAGERS	7,210	8,040	830	11.5	920	8	WORK EXPERIENCE
19	15032	LAWN SERVICE MANAGER	220	260	40	18.2	10	8	WORK EXPERIENCE
20	19002	PUB ADMIN CHIEF EXECS, LEGISLATORS	870	900	30	3.4	150	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
21	19005	GENERAL MANAGERS, TOP EXECUTIVES	108,770	122,320	13,550	12.5	13,950	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
22	19999	MANAGERS AND ADMINISTRATORS, NEC	41,800	44,850	3,050	7.3	5,270	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
23	20000	PROFESSIONAL, PARAPROF, TECHNICAL	857,160	1,002,290	145,130	16.9	127,020		
24	21000	MANAGEMENT SUPPORT OCCUPATIONS	126,260	138,980	12,720	10.1	18,160		

Table 6
Occupational Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
25	21100	ACCOUNTANTS, AUDIT, FINANCE SPECS	54,220	59,450	5,230	9.6	7,330		
26	21102	UNDERWRITERS	2,480	2,540	60	2.4	490	5	BACHELOR'S DEGREE
27	21105	CREDIT ANALYSTS	1,580	1,730	150	9.5	250	5	BACHELOR'S DEGREE
28	21108	LOAN OFFICERS AND COUNSELORS	5,140	5,700	560	10.9	820	5	BACHELOR'S DEGREE
29	21111	TAX PREPARERS	1,390	1,510	120	8.6	220	11	SHORT-TERM ON-THE-JOB TRAINING
30	21114	ACCOUNTANTS AND AUDITORS	30,490	32,940	2,450	8.0	3,410	5	BACHELOR'S DEGREE
31	21117	BUDGET ANALYSTS	2,100	2,280	180	8.6	330	5	BACHELOR'S DEGREE
32	21199	FINANCIAL SPECIALISTS, NEC	11,040	12,750	1,710	15.5	1,810	5	BACHELOR'S DEGREE
33	21300	PURCHASING AGENTS AND BUYERS	12,220	13,020	800	6.5	2,230		
34	21302	WHLE AND RET BUYERS--EX FARM PRODS	3,420	3,550	130	3.8	590	5	BACHELOR'S DEGREE
35	21305	PURCH AGTS AND BUYERS--FARM PRODS	920	970	50	5.4	170	8	WORK EXPERIENCE
36	21308	PURCH AGTS--EX WHLE,RET,FARM PRODS	7,880	8,500	620	7.9	1,470	5	BACHELOR'S DEGREE
37	21500	PERS, TRAINING, LAB-REL SPECS	12,580	14,120	1,540	12.2	2,470		
39	21505	SPECIAL AGENTS--INSURANCE	930	1,040	110	11.8	180	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
40	21508	EMPL INTERVIEWERS--PRIV OR PUB	1,630	1,870	240	14.7	320	5	BACHELOR'S DEGREE
41	21511	PERS, TRAINING, LAB-REL SPECS, NEC	10,020	11,210	1,190	11.9	1,970	5	BACHELOR'S DEGREE
42	21900	OTHER MANAGEMENT SUPPORT WORKERS	47,240	52,390	5,150	10.9	6,130		
43	21902	COST ESTIMATORS	3,940	4,580	640	16.2	360	8	WORK EXPERIENCE
44	21905	MANAGEMENT ANALYSTS	2,690	3,190	500	18.6	160	3	MASTER'S DEGREE
45	21908	CONST AND BUILDING INSPECTORS	1,250	1,370	120	9.6	240	8	WORK EXPERIENCE
46	21911	COMPL, ENFORCE INSPECT--EX CONST	6,720	7,300	580	8.6	870	8	WORK EXPERIENCE
47	21914	TAX EXAMINERS, COLLECT, REV AGENTS	1,390	1,490	100	7.2	220	5	BACHELOR'S DEGREE
48	21917	ASSESSORS	240	260	20	8.3	40	5	BACHELOR'S DEGREE
49	21921	CLAIMS EXAMINERS--INSURANCE	2,100	2,340	240	11.4	260	5	BACHELOR'S DEGREE
50	21999	MANAGEMENT SUPPORT WORKERS, NEC	28,910	31,860	2,950	10.2	3,980	5	BACHELOR'S DEGREE

Table 6
Occupational Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
51	22000	ENGINEERS, ARCHITECTS, SURVEYORS	96,980	107,270	10,290	10.6	14,770		
52	22100	ENGINEERS	59,080	66,250	7,170	12.1	8,590		
53	22102	AERONAUT, ASTRONAUTICAL ENGINEERS	5,110	4,790	-320	-6.3	560	5	BACHELOR'S DEGREE
54	22105	METALLURGISTS, RELATED ENGINEERS	320	330	10	3.1	50	5	BACHELOR'S DEGREE
56	22111	PETROLEUM ENGINEERS	190	180	-10	-5.3	30	5	BACHELOR'S DEGREE
57	22114	CHEMICAL ENGINEERS	1,130	1,160	30	2.7	180	5	BACHELOR'S DEGREE
59	22121	CIVIL ENGINEERS--INCLUDING TRAFFIC	4,730	5,180	450	9.5	660	5	BACHELOR'S DEGREE
61	22126	ELECT AND ELECTRONIC ENGINEERS	9,690	11,170	1,480	15.3	1,540	5	BACHELOR'S DEGREE
62	22127	COMPUTER ENGINEERS	8,460	11,660	3,200	37.8	420	5	BACHELOR'S DEGREE
63	22128	INDUST ENGINEERS--EXCEPT SAFETY	4,640	4,730	90	1.9	460	5	BACHELOR'S DEGREE
64	22132	SAFETY ENGINEERS--EXCEPT MINING	520	560	40	7.7	50	5	BACHELOR'S DEGREE
65	22135	MECHANICAL ENGINEERS	5,830	6,450	620	10.6	820	5	BACHELOR'S DEGREE
67	22199	ENGINEERS, NEC	18,460	20,040	1,580	8.6	3,820	5	BACHELOR'S DEGREE
68	22300	ARCHITECTS AND SURVEYORS	2,700	2,910	210	7.8	320		
69	22302	ARCHITECTS--EX LANDSCAPE, MARINE	2,210	2,420	210	9.5	240	5	BACHELOR'S DEGREE
72	22311	SURVEYING AND MAPPING SCIENTISTS	490	490	0	0.0	80	5	BACHELOR'S DEGREE
73	22500	ENGINEERING, RELATED TECHNICIANS	35,200	38,110	2,910	8.3	5,860		
74	22502	CIVIL ENGINEERING TECHNICIANS	1,390	1,520	130	9.4	260	6	ASSOCIATE DEGREE
75	22505	ELECT, ELECTRONIC ENGINEERING TECH	11,330	12,500	1,170	10.3	1,690	6	ASSOCIATE DEGREE
76	22508	INDUST ENGINEERING TECHS	560	610	50	8.9	80	6	ASSOCIATE DEGREE
77	22511	MECHANICAL ENGINEERING TECHS	3,700	3,640	-60	-1.6	520	6	ASSOCIATE DEGREE
78	22514	DRAFTERS	7,320	7,920	600	8.2	1,280	7	POST-SECONDARY VOCATIONAL EDUCATION
79	22517	ESTIMATORS, DRAFTERS--UTILITIES	200	170	-30	-15.0	30	7	POST-SECONDARY VOCATIONAL EDUCATION
80	22521	SURVEYING AND MAPPING TECHS	920	1,010	90	9.8	150	7	POST-SECONDARY VOCATIONAL EDUCATION
81	22599	ENGINEERING, RELATED TECHS, NEC	9,780	10,740	960	9.8	1,850	6	ASSOCIATE DEGREE

Table 6
Occupational Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
82	24000	NAT SCIENTISTS AND RELATED WORKERS	14,170	16,400	2,230	15.7	2,500		
83	24100	PHYSICAL SCIENTISTS	6,250	7,340	1,090	17.4	1,170		
84	24102	PHYSICISTS AND ASTRONOMERS	360	370	10	2.8	70	2	DOCTORAL DEGREE
85	24105	CHEMISTS, EXCEPT BIOCHEMISTS	2,080	2,450	370	17.8	350	5	BACHELOR'S DEGREE
86	24108	ATMOSPHERIC AND SPACE SCIENTISTS	100	110	10	10.0	20	5	BACHELOR'S DEGREE
87	24111	GEOLOGIST, GEOPHYS, OCEANOGRAPHERS	710	820	110	15.5	140	5	BACHELOR'S DEGREE
88	24199	PHYSICAL SCIENTISTS, NEC	3,000	3,590	590	19.7	590	5	BACHELOR'S DEGREE
89	24300	LIFE SCIENTISTS	2,760	3,380	620	22.5	470		
92	24308	BIOLOGICAL SCIENTISTS	1,770	2,230	460	26.0	290	2	DOCTORAL DEGREE
93	24311	MEDICAL SCIENTISTS	380	480	100	26.3	90	2	DOCTORAL DEGREE
94	24399	LIFE SCIENTISTS, NEC	610	670	60	9.8	90	2	DOCTORAL DEGREE
95	24500	PHYSICAL, LIFE SCIENCE TECHS	5,160	5,680	520	10.1	860		
96	24502	BIOLOGICAL, AGRI, FOOD TECHS	1,020	1,140	120	11.8	170	6	ASSOCIATE DEGREE
97	24505	CHEM TECHS--EXCEPT HEALTH	1,300	1,330	30	2.3	210	6	ASSOCIATE DEGREE
99	24511	PETROLEUM TECHNICIANS	190	150	-40	-21.1	30	6	ASSOCIATE DEGREE
100	24599	PHYSICAL, LIFE SCIENCE TECHS, NEC	2,650	3,060	410	15.5	450	6	ASSOCIATE DEGREE
101	25000	COMPUTER, MATH, OPS RESRCH, RELATE	54,510	74,040	19,530	35.8	6,940		
102	25100	COMPUTER SCIENTISTS AND RELATED	49,160	68,060	18,900	38.4	6,010		
103	25102	SYSTEMS ANALYSTS--ELEC DATA PROC	12,560	19,750	7,190	57.2	670	5	BACHELOR'S DEGREE
104	25103	DATA BASE ADMINISTRATORS	2,650	3,590	940	35.5	350	5	BACHELOR'S DEGREE
105	25104	COMPUTER SUPPORT SPECIALISTS	11,800	17,990	6,190	52.5	620	5	BACHELOR'S DEGREE
106	25105	COMPUTER PROGRAMMERS	15,350	16,790	1,440	9.4	3,470	5	BACHELOR'S DEGREE
107	25108	COMPUTER PROGRAMMER AIDES	2,750	3,100	350	12.7	630	5	BACHELOR'S DEGREE

Table 6
Occupational Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
108	25111	NC TOOL, PROCESS PROGRAMMERS	270	270	0	0.0	50	8	WORK EXPERIENCE
109	25199	COMPUTER SCIENTISTS, REL WRKRS, NEC	3,780	6,570	2,790	73.8	220	5	BACHELOR'S DEGREE
110	25300	MATH SCIENTISTS AND RELATED	5,350	5,980	630	11.8	930		
111	25302	OPS, SYS RESEARCHERS--EX COMPUTER	2,870	2,880	10	0.3	630	3	MASTER'S DEGREE
113	25312	STATISTICIANS	190	200	10	5.3	20	5	BACHELOR'S DEGREE
114	25313	ACTUARIES	160	180	20	12.5	20	5	BACHELOR'S DEGREE
115	25315	FINANCIAL ANALYSTS, STATISTICAL	1,980	2,580	600	30.3	250	5	BACHELOR'S DEGREE
116	25319	MATHEMATICAL SCIENTISTS, NEC	150	140	-10	-6.7	10	2	DOCTORAL DEGREE
118	27000	SOCIAL SCI, RECREATION, RELIGIOUS	41,040	46,810	5,770	14.1	5,950		
119	27100	SOCIAL SCI--INCL URBAN, REG PLNERS	6,430	7,220	790	12.3	910		
120	27102	ECONOMISTS--INCL MKT RESRCH ANALYS	1,050	1,160	110	10.5	160	5	BACHELOR'S DEGREE
121	27105	URBAN AND REGIONAL PLANNERS	830	940	110	13.3	120	3	MASTER'S DEGREE
122	27108	PSYCHOLOGISTS	3,090	3,550	460	14.9	420	3	MASTER'S DEGREE
123	27199	SOCIAL SCIENTISTS, NEC	1,460	1,570	110	7.5	210	3	MASTER'S DEGREE
124	27300	OTH SOCIAL SCIENCE RELATED WORKERS	29,300	33,570	4,270	14.6	4,350		
125	27302	SOCIAL WORKERS--MED, PSYCHIATRIC	4,490	5,200	710	15.8	430	3	MASTER'S DEGREE
126	27305	SOCIAL WKRS--EX MED, PSYCHIATRIC	8,930	10,180	1,250	14.0	850	5	BACHELOR'S DEGREE
127	27307	RESIDENTIAL COUNSELORS	2,940	3,310	370	12.6	490	5	BACHELOR'S DEGREE
128	27308	HUMAN SERVICES WORKERS	4,950	6,070	1,120	22.6	1,020	10	MODERATE-TERM ON-THE-JOB TRAINING
129	27311	RECREATION WORKERS	7,990	8,810	820	10.3	1,560	5	BACHELOR'S DEGREE
130	27500	RELIGIOUS WORKERS	5,310	6,020	710	13.4	690		
131	27502	CLERGY	2,050	2,290	240	11.7	300	1	FIRST PROFESSIONAL DEGREE
132	27505	DIRECTORS--RELIG ACTIVITIES, EDUC	1,490	1,770	280	18.8	180	5	BACHELOR'S DEGREE
133	27599	RELIGIOUS WORKERS, NEC	1,770	1,960	190	10.7	210	5	BACHELOR'S DEGREE

Table 6
Occupational Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
134	28000	LAW AND RELATED OCCUPATIONS	25,670	29,490	3,820	14.9	1,990		
135	28100	LAWYERS AND RELATED WORKERS	17,130	19,280	2,150	12.6	1,420		
136	28102	JUDGES AND MAGISTRATES	140	140	0	0.0	20	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
137	28105	ADJUDICATORS, JUDICIAL REVIEWERS	1,350	1,370	20	1.5	140	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
138	28108	LAWYERS	15,640	17,770	2,130	13.6	1,260	1	FIRST PROFESSIONAL DEGREE
139	28300	LEGAL ASSTS, TECHS, EX CLERICAL	8,540	10,210	1,670	19.6	570		
140	28302	LAW CLERKS	1,590	1,460	-130	-8.2	120	6	ASSOCIATE DEGREE
141	28305	PARALEGAL PERSONNEL	3,840	5,250	1,410	36.7	260	6	ASSOCIATE DEGREE
142	28308	TITLE SEARCHERS	260	260	0	0.0	20	10	MODERATE-TERM ON-THE-JOB TRAINING
143	28311	TITLE EXAMINERS AND ABSTRACTORS	720	730	10	1.4	40	10	MODERATE-TERM ON-THE-JOB TRAINING
144	28399	LEGAL ASSTS, TECHS--EX CLER, NEC	2,130	2,510	380	17.8	130	6	ASSOCIATE DEGREE
145	31000	TEACHERS, EDUCATORS, LIBRARIANS	232,220	286,400	54,180	23.3	36,280		
146	31100	POSTSECONDARY TEACHERS	31,210	40,270	9,060	29.0	6,810		
147	31111	LECTURERS	270	280	10	3.7	40	5	BACHELOR'S DEGREE
148	31114	NURSING INSTRUCTORS, POSTSECONDARY	1,350	1,660	310	23.0	210	3	MASTER'S DEGREE
149	31117	GRADUATE ASSISTANTS, TEACHING	2,870	3,650	780	27.2	630	3	MASTER'S DEGREE
151	31202	LIFE SCIENCES TEACHERS, POSTSECOND	610	820	210	34.4	140	2	DOCTORAL DEGREE
152	31204	CHEMISTRY TEACHERS, POSTSECONDARY	310	390	80	25.8	70	2	DOCTORAL DEGREE
153	31206	PHYSICS TEACHERS, POSTSECONDARY	200	260	60	30.0	40	2	DOCTORAL DEGREE
154	31209	PHYSICAL SCIENCE TEACHERS, POSTSEC	650	830	180	27.7	140	2	DOCTORAL DEGREE
155	31211	HEALTH DIAGNOSTICS TEACHERS, POSTS	550	780	230	41.8	130	2	DOCTORAL DEGREE
156	31212	HEALTH ASSESS & TREAT TEACHERS, PO	250	360	110	44.0	60	2	DOCTORAL DEGREE
157	31213	COMMUNICATIONS TEACHERS, POSTSECON	350	480	130	37.1	80	2	DOCTORAL DEGREE
158	31214	ENGLISH LANG & LIT TEACHERS, POSTS	1,790	2,280	490	27.4	390	2	DOCTORAL DEGREE

Table 6
Occupational Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
159	31215	FOREIGN LANG & LIT TEACHERS, POSTS	740	940	200	27.0	160	2	DOCTORAL DEGREE
160	31218	ART, DRAMA, MUSIC TEACHERS, POSTSE	1,250	1,600	350	28.0	280	2	DOCTORAL DEGREE
161	31222	ENGINEERING TEACHERS, POSTSECONDAR	570	720	150	26.3	130	2	DOCTORAL DEGREE
162	31223	ARCHITECTURE TEACHERS, POSTSECONDA	160	200	40	25.0	30	2	DOCTORAL DEGREE
163	31224	MATHEMATICAL SCIENCES TEACHERS, PO	1,550	1,970	420	27.1	340	2	DOCTORAL DEGREE
164	31226	COMPUTER SCIENCE TEACHERS, POSTSEC	2,230	3,290	1,060	47.5	530	2	DOCTORAL DEGREE
166	31231	ANTHRO & SOCIOLOGY TEACHERS, POSTS	260	330	70	26.9	60	2	DOCTORAL DEGREE
167	31232	AREA, ETHNIC, & CULT STUDIES TEACHERS	120	150	30	25.0	30	2	DOCTORAL DEGREE
168	31233	ECONOMICS TEACHERS, POSTSECONDARY	330	420	90	27.3	70	2	DOCTORAL DEGREE
169	31234	GEOGRAPHY TEACHERS, POSTSECONDARY	160	200	40	25.0	30	2	DOCTORAL DEGREE
170	31235	HISTORY TEACHERS, POSTSECONDARY	590	750	160	27.1	130	2	DOCTORAL DEGREE
171	31236	POLITICAL SCIENCE TEACHERS, POSTSE	590	750	160	27.1	130	2	DOCTORAL DEGREE
172	31237	PSYCHOLOGY TEACHERS, POSTSECONDARY	1,370	1,750	380	27.7	300	2	DOCTORAL DEGREE
173	31239	SOCIAL SCIENCES TEACHERS, POSTSECO	820	1,040	220	26.8	180	2	DOCTORAL DEGREE
174	31242	BUSINESS TEACHERS, POSTSECONDARY	1,810	2,310	500	27.6	400	2	DOCTORAL DEGREE
175	31244	LAW TEACHERS, POSTSECONDARY	1,030	1,310	280	27.2	230	2	DOCTORAL DEGREE
176	31246	CRIMINAL JUSTICE & LAW ENFORCE TEA	410	520	110	26.8	90	2	DOCTORAL DEGREE
177	31247	SOCIAL WORK TEACHERS, POSTSECONDAR	130	170	40	30.8	30	2	DOCTORAL DEGREE
178	31252	EDUCATION TEACHERS, POSTSECONDARY	930	1,180	250	26.9	200	2	DOCTORAL DEGREE
179	31254	PHILOSOPHY & RELIGION TEACHERS, PO	480	610	130	27.1	110	2	DOCTORAL DEGREE
180	31256	LIBRARY SCIENCE TEACHERS, POSTSECO	150	190	40	26.7	30	2	DOCTORAL DEGREE
181	31258	PARKS, REC, LEISURE, FIT STUDY TEACHE	180	260	80	44.4	40	2	DOCTORAL DEGREE
183	31299	POSTSECONDARY TEACHERS, NEC	6,150	7,820	1,670	27.2	1,350	2	DOCTORAL DEGREE
184	31300	OTHER TEACHERS AND INSTRUCTORS	160,390	193,250	32,860	20.5	24,810		
185	31303	TEACHERS, PRESCHOOL	12,970	14,740	1,770	13.6	2,050	5	BACHELOR'S DEGREE
186	31304	TEACHERS, KINDERGARTEN	4,150	4,890	740	17.8	670	5	BACHELOR'S DEGREE
187	31305	TEACHERS--ELEMENTARY SCHOOL	50,870	60,220	9,350	18.4	8,810	5	BACHELOR'S DEGREE
188	31308	TEACHERS--SECONDARY SCHOOL	35,650	45,160	9,510	26.7	8,960	5	BACHELOR'S DEGREE
189	31311	TEACHERS--SPECIAL EDUCATION	12,300	16,600	4,300	35.0	820	5	BACHELOR'S DEGREE
190	31314	TEACHERS--VOC ED AND TRAINING	8,060	9,480	1,420	17.6	640	8	WORK EXPERIENCE

Table 6
Occupational Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
191	31317	INSTRUCTORS--NON-VOC EDUCATION	5,880	7,120	1,240	21.1	470	8	WORK EXPERIENCE
192	31321	INSTRUCTORS AND COACHES--SPORTS	7,570	8,920	1,350	17.8	600	10	MODERATE-TERM ON-THE-JOB TRAINING
194	31399	TEACHERS AND INSTRUCTORS, NEC	22,940	26,120	3,180	13.9	1,790	3	MASTER'S DEGREE
195	31500	LIBRARIANS, ARCHIVISTS AND RELATED	40,620	52,880	12,260	30.2	4,660		
196	31502	LIBRARIANS--PROFESSIONAL	3,030	3,330	300	9.9	570	3	MASTER'S DEGREE
197	31505	TECHNICAL ASSISTANTS--LIBRARY	1,510	1,800	290	19.2	320	11	SHORT-TERM ON-THE-JOB TRAINING
198	31508	AUDIO-VISUAL SPECIALISTS	240	250	10	4.2	20	5	BACHELOR'S DEGREE
199	31511	CURATORS, ARCHIVISTS, AND RELATED	310	310	0	0.0	60	3	MASTER'S DEGREE
200	31514	VOCATIONAL & EDUCATIONAL COUNSELOR	4,890	6,020	1,130	23.1	860	3	MASTER'S DEGREE
201	31517	INSTRUCTIONAL COORDINATORS	1,920	2,430	510	26.6	160	5	BACHELOR'S DEGREE
202	31521	TEACHER AIDES, PARAPROFESSIONAL	28,720	38,740	10,020	34.9	2,670	6	ASSOCIATE DEGREE
203	32000	HEALTH PRACTITIONERS, TECHS, RELAT	155,670	175,360	19,690	12.6	21,570		
204	32100	HEALTH DIAGNOSING, TREATING	18,390	19,880	1,490	8.1	2,280		
205	32102	PHYSICIANS AND SURGEONS	12,410	13,620	1,210	9.8	1,400	1	FIRST PROFESSIONAL DEGREE
206	32105	DENTISTS	2,890	2,920	30	1.0	410	1	FIRST PROFESSIONAL DEGREE
207	32108	OPTOMETRISTS	1,190	1,170	-20	-1.7	170	1	FIRST PROFESSIONAL DEGREE
208	32111	PODIATRISTS	450	450	0	0.0	70	1	FIRST PROFESSIONAL DEGREE
209	32113	CHIROPRACTORS	270	330	60	22.2	40	1	FIRST PROFESSIONAL DEGREE
210	32114	VETS AND VETERINARY INSPECTORS	580	660	80	13.8	90	1	FIRST PROFESSIONAL DEGREE
211	32199	HEALTH DIAGNOSING, TREATING, NEC	600	730	130	21.7	100	6	ASSOCIATE DEGREE
212	32300	THERAPISTS	9,170	10,920	1,750	19.1	1,030		
213	32302	RESPIRATORY CARE PRACTITIONERS	2,310	3,010	700	30.3	270	6	ASSOCIATE DEGREE
214	32305	OCCUPATIONAL THERAPISTS	1,560	1,820	260	16.7	170	5	BACHELOR'S DEGREE
215	32308	PHYSICAL THERAPISTS	2,860	3,110	250	8.7	310	5	BACHELOR'S DEGREE
217	32314	SPEECH PATHOLOGISTS, AUDIOLOGISTS	1,540	1,960	420	27.3	180	3	MASTER'S DEGREE

Table 6
Occupational Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
218	32317	RECREATIONAL THERAPISTS	400	390	-10	-2.5	40	5	BACHELOR'S DEGREE
219	32399	THERAPISTS, NEC	500	630	130	26.0	60	5	BACHELOR'S DEGREE
220	32500	HEALTH CARE MAINTENANCE, TREATING	82,830	90,810	7,980	9.6	11,150		
221	32502	REGISTERED NURSES	51,240	56,520	5,280	10.3	6,100	6	ASSOCIATE DEGREE
222	32505	LICENSED VOCATIONAL NURSES	14,650	15,330	680	4.6	2,220	7	POST-SECONDARY VOCATIONAL EDUCATION
223	32508	EMERGENCY MEDICAL TECHNICIANS	3,570	4,120	550	15.4	660	7	POST-SECONDARY VOCATIONAL EDUCATION
224	32511	PHYSICIAN'S ASSISTANTS	1,580	1,860	280	17.7	200	5	BACHELOR'S DEGREE
225	32514	OPTICIANS--DISPENSING, MEASURING	2,430	2,510	80	3.3	210	9	LONG-TERM ON-THE-JOB TRAINING
226	32517	PHARMACISTS	4,910	5,360	450	9.2	980	5	BACHELOR'S DEGREE
227	32518	PHARMACY TECHNICIANS	3,280	3,850	570	17.4	610	10	MODERATE-TERM ON-THE-JOB TRAINING
228	32521	DIETITIANS AND NUTRITIONISTS	900	970	70	7.8	130	5	BACHELOR'S DEGREE
229	32523	DIETETIC TECHNICIANS	270	290	20	7.4	40	6	ASSOCIATE DEGREE
230	32900	OTHER HEALTH PROFS, PARAPROFS	45,280	53,750	8,470	18.7	7,110		
231	32902	MED, CLINICAL LAB TECHNOLOGISTS	4,100	4,320	220	5.4	360	5	BACHELOR'S DEGREE
232	32905	MED, CLINICAL LAB ASSISTANTS	5,580	6,010	430	7.7	500	6	ASSOCIATE DEGREE
233	32908	DENTAL HYGIENISTS	3,240	3,720	480	14.8	530	6	ASSOCIATE DEGREE
234	32911	MEDICAL RECORDS TECHNICIANS	4,060	5,080	1,020	25.1	780	6	ASSOCIATE DEGREE
235	32913	RADIATION THERAPISTS	490	530	40	8.2	50	6	ASSOCIATE DEGREE
236	32914	NUCLEAR MEDICINE TECHNOLOGISTS	280	300	20	7.1	30	6	ASSOCIATE DEGREE
237	32919	RADIOLOGIC TECHNOLOGISTS	3,980	4,290	310	7.8	390	6	ASSOCIATE DEGREE
238	32923	ELECTRONEURODIAGNOSTIC TECHNOLOGIS	110	110	0	0.0	20	10	MODERATE-TERM ON-THE-JOB TRAINING
239	32925	CARDIOLOGY TECHNOLOGISTS	420	550	130	31.0	80	6	ASSOCIATE DEGREE
240	32926	ELECTROCARDIOGRAPH TECHNICIANS	360	300	-60	-16.7	60	10	MODERATE-TERM ON-THE-JOB TRAINING
241	32928	SURGICAL TECHNICIANS	1,450	1,960	510	35.2	290	7	POST-SECONDARY VOCATIONAL EDUCATION
242	32931	PSYCHIATRIC TECHNICIANS	920	950	30	3.3	90	6	ASSOCIATE DEGREE
243	32951	VETERINARY TECHNICIANS	700	710	10	1.4	110	6	ASSOCIATE DEGREE
244	32999	HEALTH CARE PROFS, PARAPROFS, NEC	19,590	24,920	5,330	27.2	3,820	6	ASSOCIATE DEGREE

Table 6
Occupational Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
245	34000	WRITERS, ARTISTS, ENTER, ATHLETES	79,170	91,560	12,390	15.6	13,170		
246	34002	WRITERS AND EDITORS	5,090	6,190	1,100	21.6	1,040	5	BACHELOR'S DEGREE
247	34005	TECHNICAL WRITERS	1,550	1,830	280	18.1	310	5	BACHELOR'S DEGREE
248	34008	PUB REL SPECS, PUBLICITY WRITERS	3,070	3,740	670	21.8	620	5	BACHELOR'S DEGREE
249	34011	REPORTERS AND CORRESPONDENTS	1,750	2,010	260	14.9	410	5	BACHELOR'S DEGREE
250	34014	BROADCAST NEWS ANALYSTS	450	600	150	33.3	90	9	LONG-TERM ON-THE-JOB TRAINING
251	34017	ANNOUNCERS--RADIO AND TELEVISION	1,020	1,260	240	23.5	190	9	LONG-TERM ON-THE-JOB TRAINING
253	34023	PHOTOGRAPHERS	1,890	2,240	350	18.5	210	10	MODERATE-TERM ON-THE-JOB TRAINING
254	34026	CAMERA OPS--TV AND MOTION PICTURE	510	770	260	51.0	70	10	MODERATE-TERM ON-THE-JOB TRAINING
255	34028	BROADCAST TECHNICIANS	3,060	3,580	520	17.0	630	7	POST-SECONDARY VOCATIONAL EDUCATION
256	34032	FILM EDITORS	1,610	1,840	230	14.3	380	5	BACHELOR'S DEGREE
257	34035	ARTISTS AND RELATED WORKERS	10,360	12,210	1,850	17.9	1,630	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
258	34038	DESIGNERS, EX INTERIOR DESIGNERS	7,060	8,460	1,400	19.8	780	5	BACHELOR'S DEGREE
259	34041	INTERIOR DESIGNERS	780	1,000	220	28.2	90	5	BACHELOR'S DEGREE
260	34044	MERCH DISPLAYERS, WINDOW TRIMMERS	770	860	90	11.7	80	5	BACHELOR'S DEGREE
261	34047	MUSIC DIRECTORS, SINGERS, COMPOSERS	1,600	1,780	180	11.3	230	9	LONG-TERM ON-THE-JOB TRAINING
262	34051	MUSICIANS--INSTRUMENTAL	1,580	1,710	130	8.2	220	9	LONG-TERM ON-THE-JOB TRAINING
263	34053	DANCERS AND CHOREOGRAPHERS	850	920	70	8.2	140	7	POST-SECONDARY VOCATIONAL EDUCATION
264	34056	PRODUCERS, DIRECTORS, ACTORS	35,570	39,900	4,330	12.2	5,890	9	LONG-TERM ON-THE-JOB TRAINING
265	34058	ATHLETES, COACHES, Umps, RELATED	600	660	60	10.0	160	9	LONG-TERM ON-THE-JOB TRAINING
266	39000	MISC PROFS, PARAPROFS, TECHNICAL	31,470	35,980	4,510	14.3	5,690		
267	39002	AIR DISPATCHERS, AIR TRAFFIC CONTR	740	780	40	5.4	140	9	LONG-TERM ON-THE-JOB TRAINING
268	39005	TRAFFIC TECHNICIANS	140	140	0	0.0	30	10	MODERATE-TERM ON-THE-JOB TRAINING
269	39008	RADIO OPERATORS	360	400	40	11.1	70	10	MODERATE-TERM ON-THE-JOB TRAINING
270	39011	FUNERAL DIRECTORS AND MORTICIANS	200	230	30	15.0	30	9	LONG-TERM ON-THE-JOB TRAINING
271	39014	EMBALMERS	140	140	0	0.0	30	10	MODERATE-TERM ON-THE-JOB TRAINING
272	39999	OTHER PROF, PARAPROF, TECHNICAL	29,890	34,290	4,400	14.7	5,390	5	BACHELOR'S DEGREE

Table 6
Occupational Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
273	40000	SALES AND RELATED OCCUPATIONS	444,130	509,870	65,740	14.8	98,330		
274	41000	FIRST-LINE SUP/MGR--SALES	50,730	58,730	8,000	15.8	4,920	8	WORK EXPERIENCE
275	43000	SALES AGENTS--SERVICE	40,560	50,950	10,390	25.6	6,680		
276	43002	SALES AGENTS, PLACERS--INSURANCE	4,430	4,910	480	10.8	740	9	LONG-TERM ON-THE-JOB TRAINING
277	43005	BROKERS--REAL ESTATE	1,150	1,220	70	6.1	170	8	WORK EXPERIENCE
278	43008	SALES AGENTS--REAL ESTATE	1,540	1,720	180	11.7	230	7	POST-SECONDARY VOCATIONAL EDUCATION
279	43011	APPRAISERS--REAL ESTATE	500	520	20	4.0	70	8	WORK EXPERIENCE
280	43014	SALES AGENTS--FINANCIAL SERVICES	8,350	11,280	2,930	35.1	510	9	LONG-TERM ON-THE-JOB TRAINING
281	43017	SALES AGENTS--SEL BUS SERVICES	10,490	13,960	3,470	33.1	1,750	10	MODERATE-TERM ON-THE-JOB TRAINING
282	43021	TRAVEL AGENTS	4,450	5,000	550	12.4	700	7	POST-SECONDARY VOCATIONAL EDUCATION
283	43023	SALES AGENTS--ADVERTISING	4,720	6,160	1,440	30.5	1,050	10	MODERATE-TERM ON-THE-JOB TRAINING
284	43099	SALES REPS, SERVICE--NEC	4,930	6,180	1,250	25.4	1,460	10	MODERATE-TERM ON-THE-JOB TRAINING
285	49000	MERCH, PRODUCTS AND OTHER SALES	352,840	400,190	47,350	13.4	86,730		
286	49002	SALES ENGINEERS	1,670	1,830	160	9.6	230	5	BACHELOR'S DEGREE
287	49005	SALES REPS, SCIENTIFIC--EX RETAIL	14,370	15,580	1,210	8.4	2,550	10	MODERATE-TERM ON-THE-JOB TRAINING
288	49008	SALES REPS, NON-SCIENTIFIC EX RET	38,040	40,170	2,130	5.6	6,660	10	MODERATE-TERM ON-THE-JOB TRAINING
289	49011	SALESPERSONS, RETAIL	110,170	126,120	15,950	14.5	28,530	11	SHORT-TERM ON-THE-JOB TRAINING
290	49014	SALESPERSONS--PARTS	9,320	9,430	110	1.2	1,900	10	MODERATE-TERM ON-THE-JOB TRAINING
291	49017	COUNTER AND RENTAL CLERKS	12,180	14,140	1,960	16.1	4,040	11	SHORT-TERM ON-THE-JOB TRAINING
292	49021	STOCK CLERKS--SALES FLOOR	38,840	39,770	930	2.4	4,100	11	SHORT-TERM ON-THE-JOB TRAINING
293	49023	CASHIERS	82,820	94,550	11,730	14.2	28,200	11	SHORT-TERM ON-THE-JOB TRAINING
294	49026	TELEMARKETERS, SOLICITORS & RELATE	15,720	20,950	5,230	33.3	3,380	11	SHORT-TERM ON-THE-JOB TRAINING

Table 6
Occupational Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
295	49034	DEMONSTRATORS AND PROMOTERS	10,290	14,200	3,910	38.0	2,350	10	MODERATE-TERM ON-THE-JOB TRAINING
297	49999	SALES AND RELATED WORKERS, NEC	19,420	23,450	4,030	20.8	4,790	10	MODERATE-TERM ON-THE-JOB TRAINING
298	50000	CLERICAL, ADMINISTRATIVE SUPPORT	762,460	822,590	60,130	7.9	113,930		
299	51000	FIRST-LINE SUP/MGR, CLERL, ADM SUP	56,940	64,760	7,820	13.7	9,460	8	WORK EXPERIENCE
300	53000	INDUSTRY SPECIFIC CLERICAL, ADMIN	110,010	123,370	13,360	12.1	17,230		
301	53100	BANKING, SECURITY, FINANCE, CREDIT	45,440	48,500	3,060	6.7	7,320		
302	53102	TELLERS	16,430	15,660	-770	-4.7	4,910	11	SHORT-TERM ON-THE-JOB TRAINING
303	53105	NEW ACCOUNTS CLERKS	3,350	3,630	280	8.4	790	8	WORK EXPERIENCE
304	53108	TRANSIT CLERKS	290	230	-60	-20.7	60	11	SHORT-TERM ON-THE-JOB TRAINING
305	53111	LOAN INTERVIEWERS	390	340	-50	-12.8	30	11	SHORT-TERM ON-THE-JOB TRAINING
306	53114	CREDIT AUTHORIZERS	590	540	-50	-8.5	50	11	SHORT-TERM ON-THE-JOB TRAINING
307	53117	CREDIT CHECKERS	1,940	1,980	40	2.1	90	11	SHORT-TERM ON-THE-JOB TRAINING
308	53121	LOAN AND CREDIT CLERKS	6,780	7,090	310	4.6	500	11	SHORT-TERM ON-THE-JOB TRAINING
309	53123	ADJUSTMENT CLERKS	13,050	16,030	2,980	22.8	640	11	SHORT-TERM ON-THE-JOB TRAINING
310	53126	STATEMENT CLERKS	650	530	-120	-18.5	50	11	SHORT-TERM ON-THE-JOB TRAINING
311	53128	BROKERAGE CLERKS	1,970	2,470	500	25.4	200	11	SHORT-TERM ON-THE-JOB TRAINING
312	53300	INSURANCE WORKERS	13,510	15,320	1,810	13.4	1,570		
313	53302	INS ADJUST, EXAMIN, INVESTIGATORS	4,610	5,490	880	19.1	590	9	LONG-TERM ON-THE-JOB TRAINING
314	53305	INSURANCE APPRAISERS--AUTO DAMAGE	280	320	40	14.3	40	10	MODERATE-TERM ON-THE-JOB TRAINING
315	53308	INSURANCE EXAMINING CLERKS	380	430	50	13.2	40	10	MODERATE-TERM ON-THE-JOB TRAINING
316	53311	INSURANCE CLAIMS CLERKS	4,360	4,790	430	9.9	530	10	MODERATE-TERM ON-THE-JOB TRAINING
317	53314	INSURANCE POLICY PROCESSING CLERKS	3,880	4,290	410	10.6	370	10	MODERATE-TERM ON-THE-JOB TRAINING

Table 6
Occupational Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
318	53500	INVESTIGATIVE, RELATED, EX INSUR	12,410	15,000	2,590	20.9	2,350		
319	53502	WELFARE ELIG WORKERS, INTERVIEWERS	1,240	1,140	-100	-8.1	180	10	MODERATE-TERM ON-THE-JOB TRAINING
320	53505	INVESTIGATORS--CLERICAL	880	1,170	290	33.0	50	11	SHORT-TERM ON-THE-JOB TRAINING
321	53508	BILL AND ACCOUNT COLLECTORS	10,290	12,690	2,400	23.3	2,120	11	SHORT-TERM ON-THE-JOB TRAINING
322	53700	MUNICIPAL WORKERS	910	990	80	8.8	110		
323	53702	COURT CLERKS	440	480	40	9.1	50	11	SHORT-TERM ON-THE-JOB TRAINING
324	53705	MUNICIPAL CLERKS	140	150	10	7.1	20	11	SHORT-TERM ON-THE-JOB TRAINING
325	53708	LICENSE CLERKS	330	360	30	9.1	40	10	MODERATE-TERM ON-THE-JOB TRAINING
326	53800	LODGING AND TRAVEL WORKERS	15,330	16,110	780	5.1	2,780		
327	53802	TRAVEL CLERKS	970	1,150	180	18.6	160	11	SHORT-TERM ON-THE-JOB TRAINING
328	53805	RESERVATION, TRANS TICKET AGENTS	11,170	11,310	140	1.3	1,670	11	SHORT-TERM ON-THE-JOB TRAINING
329	53808	HOTEL DESK CLERKS	3,190	3,650	460	14.4	950	11	SHORT-TERM ON-THE-JOB TRAINING
330	53900	MISC INDUSTRY SPECIFIC CLERICAL	22,410	27,450	5,040	22.5	3,100		
331	53902	LIBRARY ASSTS & BOOKMOBILE DRIVERS	2,820	3,300	480	17.0	1,070	11	SHORT-TERM ON-THE-JOB TRAINING
332	53905	TEACHER AIDES & EDUC ASSTS, CLERIC	17,150	21,620	4,470	26.1	1,530	11	SHORT-TERM ON-THE-JOB TRAINING
333	53908	ADVERTISING CLERKS	470	600	130	27.7	90	11	SHORT-TERM ON-THE-JOB TRAINING
334	53911	PROOFREADERS AND COPY MARKERS	1,300	1,180	-120	-9.2	270	11	SHORT-TERM ON-THE-JOB TRAINING
335	53914	REAL ESTATE CLERKS	670	750	80	11.9	140	11	SHORT-TERM ON-THE-JOB TRAINING
336	55000	SECRETARIAL, GENERAL OFFICE OCCS	383,370	408,710	25,340	6.6	60,010		
337	55100	SECRETARIES	88,640	91,260	2,620	3.0	10,120		
338	55102	SECRETARIES, LEGAL	13,730	14,190	460	3.4	1,570	7	POST-SECONDARY VOCATIONAL EDUCATION
339	55105	SECRETARIES, MEDICAL	5,490	5,240	-250	-4.6	600	7	POST-SECONDARY VOCATIONAL EDUCATION
340	55108	SECRETARIES, GENERAL	69,420	71,830	2,410	3.5	7,950	7	POST-SECONDARY VOCATIONAL EDUCATION

Table 6
Occupational Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
341	55300	MISC SECRETARIAL, GENL OFF OCCS	294,730	317,450	22,720	7.7	49,890		
342	55302	STENOGRAPHERS AND/OR COURT REPORTE	2,660	2,720	60	2.3	300	7	POST-SECONDARY VOCATIONAL EDUCATION
343	55305	RECEPTIONISTS, INFORMATION CLERKS	49,740	56,150	6,410	12.9	7,150	11	SHORT-TERM ON-THE-JOB TRAINING
344	55307	TYPISTS, INCLUDING WORD PROCESSING	17,000	14,620	-2,380	-14.0	2,170	10	MODERATE-TERM ON-THE-JOB TRAINING
345	55314	PERS CLERKS--EX PAYROLL	8,050	8,930	880	10.9	1,110	11	SHORT-TERM ON-THE-JOB TRAINING
346	55317	CORRESPONDENCE CLERKS	600	680	80	13.3	110	11	SHORT-TERM ON-THE-JOB TRAINING
347	55321	FILE CLERKS	10,340	10,940	600	5.8	2,610	11	SHORT-TERM ON-THE-JOB TRAINING
348	55323	ORDER CLERKS--MATERIALS, SERVICE	14,770	15,910	1,140	7.7	2,540	11	SHORT-TERM ON-THE-JOB TRAINING
349	55326	PROCUREMENT CLERKS	1,670	1,530	-140	-8.4	170	11	SHORT-TERM ON-THE-JOB TRAINING
350	55328	STATISTICAL CLERKS	1,060	1,060	0	0.0	100	10	MODERATE-TERM ON-THE-JOB TRAINING
351	55332	INTERVIEW CLERKS--EX PERS, WELFARE	4,390	4,770	380	8.7	1,040	11	SHORT-TERM ON-THE-JOB TRAINING
352	55335	CUSTOMER SERVICE REPS--UTILITIES	7,300	8,810	1,510	20.7	1,340	11	SHORT-TERM ON-THE-JOB TRAINING
353	55338	BOOKKEEPING, ACCOUNTING CLERKS	54,830	55,370	540	1.0	7,150	10	MODERATE-TERM ON-THE-JOB TRAINING
354	55341	PAYROLL AND TIMEKEEPING CLERKS	5,720	5,660	-60	-1.0	790	11	SHORT-TERM ON-THE-JOB TRAINING
355	55344	BILLING, COST, AND RATE CLERKS	13,510	14,410	900	6.7	1,930	11	SHORT-TERM ON-THE-JOB TRAINING
356	55347	GENERAL OFFICE CLERKS	103,090	115,890	12,800	12.4	21,380	11	SHORT-TERM ON-THE-JOB TRAINING
357	56000	EDP AND OFFICE MACHINE OCCUPATIONS	30,350	30,670	320	1.1	3,450		
358	56002	BILLING, POSTING, CALC MACHINE OPS	4,010	3,800	-210	-5.2	540	11	SHORT-TERM ON-THE-JOB TRAINING
359	56005	DUPLICATING MACHINE OPERATORS	2,480	2,950	470	19.0	570	11	SHORT-TERM ON-THE-JOB TRAINING
360	56008	MAIL MACH OPS--PREP AND HANDLING	3,140	3,810	670	21.3	730	11	SHORT-TERM ON-THE-JOB TRAINING
361	56011	COMPUTER OPS--EX PERIPHERAL EQUIP	5,550	4,780	-770	-13.9	500	10	MODERATE-TERM ON-THE-JOB TRAINING
362	56014	PERIPHERAL EDP EQUIPMENT OPERATORS	850	620	-230	-27.1	70	10	MODERATE-TERM ON-THE-JOB TRAINING
363	56017	DATA ENTRY KEYERS--EX COMPOSING	11,950	12,500	550	4.6	640	7	POST-SECONDARY VOCATIONAL EDUCATION
364	56021	DATA KEYERS--COMPOSING	580	510	-70	-12.1	30	7	POST-SECONDARY VOCATIONAL EDUCATION
365	56099	OFFICE MACHINE OPERATORS, NEC	1,790	1,700	-90	-5.0	370	11	SHORT-TERM ON-THE-JOB TRAINING

Table 6
Occupational Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
366	57000	COMMUNICATIONS, MAIL DISTRIBUTION	31,580	32,440	860	2.7	5,350		
367	57100	COMMUNICATION EQUIPMENT OPERATORS	8,960	8,620	-340	-3.8	1,350		
368	57102	SWITCHBOARD OPERATORS	6,220	5,820	-400	-6.4	920	11	SHORT-TERM ON-THE-JOB TRAINING
369	57105	DIRECTORY ASSISTANCE OPERATORS	620	560	-60	-9.7	90	10	MODERATE-TERM ON-THE-JOB TRAINING
370	57108	CENTRAL OFFICE OPERATORS	1,730	1,810	80	4.6	270	10	MODERATE-TERM ON-THE-JOB TRAINING
372	57199	COMMUNICATION EQUIP OPERATORS, NEC	390	430	40	10.3	70	10	MODERATE-TERM ON-THE-JOB TRAINING
373	57300	MAIL, MESSAGE DISTRIBUTION WORKERS	22,620	23,820	1,200	5.3	4,000		
374	57302	MAIL CLKS-EX MAIL MACH OPS, POSTAL	3,370	3,710	340	10.1	590	11	SHORT-TERM ON-THE-JOB TRAINING
375	57305	POSTAL MAIL CARRIERS	10,890	11,190	300	2.8	2,140	11	SHORT-TERM ON-THE-JOB TRAINING
376	57308	POSTAL SERVICE CLERKS	2,990	3,060	70	2.3	340	11	SHORT-TERM ON-THE-JOB TRAINING
377	57311	MESSENGERS	5,370	5,860	490	9.1	930	11	SHORT-TERM ON-THE-JOB TRAINING
378	58000	MATERIAL RECORDING, DISPATCHING	128,780	137,470	8,690	6.7	15,830		
379	58002	DISPATCH--POLICE, FIRE, AMBULANCE	1,460	1,530	70	4.8	170	10	MODERATE-TERM ON-THE-JOB TRAINING
380	58005	DISPATCH--EX POLICE, FIRE, AMBUL	5,610	6,530	920	16.4	680	10	MODERATE-TERM ON-THE-JOB TRAINING
381	58008	PROD, PLANNING, EXPEDITING CLERKS	12,980	13,160	180	1.4	1,050	11	SHORT-TERM ON-THE-JOB TRAINING
382	58011	TRANSPORTATION AGENTS	2,120	2,220	100	4.7	110	11	SHORT-TERM ON-THE-JOB TRAINING
383	58014	METER READERS--UTILITIES	1,970	2,020	50	2.5	350	11	SHORT-TERM ON-THE-JOB TRAINING
384	58017	WEIGHERS, MEASURERS--RECORDKEEPING	1,350	1,400	50	3.7	240	11	SHORT-TERM ON-THE-JOB TRAINING
385	58021	MARKING CLERKS	1,160	1,060	-100	-8.6	200	11	SHORT-TERM ON-THE-JOB TRAINING
386	58023	STOCK CLERKS--STOCKROOM, WAREHOUSE	33,810	37,950	4,140	12.2	3,740	11	SHORT-TERM ON-THE-JOB TRAINING
387	58026	ORDER FILLERS--WHLE & RET SALES	10,490	11,660	1,170	11.2	1,840	11	SHORT-TERM ON-THE-JOB TRAINING
388	58028	TRAFFIC, SHIPPING, RECEIVING CLKS	48,050	49,180	1,130	2.4	5,630	11	SHORT-TERM ON-THE-JOB TRAINING
389	58099	MATERIAL RECORDING, RELATED, NEC	9,780	10,760	980	10.0	1,820	11	SHORT-TERM ON-THE-JOB TRAINING

Table 6
Occupational Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
390	59000	CLERICAL, ADMIN SUPPORT, NEC	21,430	25,170	3,740	17.5	2,600	11	SHORT-TERM ON-THE-JOB TRAINING
392	60000	SERVICE OCCUPATIONS	579,990	656,530	76,540	13.2	142,210		
393	61000	FIRST-LINE SUP/MGR--SERVICE	27,670	31,920	4,250	15.4	4,960		
394	61002	FIRE FIGHTING & PREVENTION SUPS	1,340	1,460	120	9.0	320	8	WORK EXPERIENCE
395	61005	POLICE AND DETECTIVE SUPERVISORS	2,000	2,180	180	9.0	420	8	WORK EXPERIENCE
396	61008	HOUSEKEEPING SUPERVISORS	1,730	1,820	90	5.2	290	8	WORK EXPERIENCE
397	61099	FIRST-LINE SUP/MGR SERV WKRS, NEC	22,600	26,460	3,860	17.1	3,930	8	WORK EXPERIENCE
398	63000	PROTECTIVE SERVICE OCCUPATIONS	82,940	104,150	21,210	25.6	18,320		
399	63002	FIRE INSPECTORS	420	460	40	9.5	80	8	WORK EXPERIENCE
400	63005	FOREST FIRE INSPECT, PREVENT SPECS	240	250	10	4.2	40	8	WORK EXPERIENCE
401	63008	FIRE FIGHTERS	5,030	5,300	270	5.4	870	9	LONG-TERM ON-THE-JOB TRAINING
402	63011	POLICE DETECTIVES	1,500	1,780	280	18.7	300	8	WORK EXPERIENCE
403	63014	POLICE PATROL OFFICERS	12,450	15,410	2,960	23.8	2,570	9	LONG-TERM ON-THE-JOB TRAINING
404	63017	CORRECTION OFFICERS, JAILERS	2,960	3,750	790	26.7	640	9	LONG-TERM ON-THE-JOB TRAINING
405	63021	PARKING ENFORCEMENT OFFICERS	510	550	40	7.8	30	11	SHORT-TERM ON-THE-JOB TRAINING
408	63028	CRIMINAL INVESTIGATORS, FEDERAL	770	870	100	13.0	150	5	BACHELOR'S DEGREE
409	63032	SHERIFFS AND DEPUTY SHERIFFS	810	1,010	200	24.7	60	9	LONG-TERM ON-THE-JOB TRAINING
410	63035	DETECTIVES, INVESTIGATORS--EX PUB	2,190	2,610	420	19.2	420	10	MODERATE-TERM ON-THE-JOB TRAINING
411	63038	RAILROAD, TRANSIT POLICE, SPEC AGTS	130	140	10	7.7	20	10	MODERATE-TERM ON-THE-JOB TRAINING
412	63041	FISH AND GAME WARDENS	170	180	10	5.9	10	10	MODERATE-TERM ON-THE-JOB TRAINING
413	63044	CROSSING GUARDS	1,260	1,310	50	4.0	270	11	SHORT-TERM ON-THE-JOB TRAINING
414	63047	GUARDS AND WATCH GUARDS	49,430	64,610	15,180	30.7	10,020	11	SHORT-TERM ON-THE-JOB TRAINING
415	63099	PROTECTIVE SERVICE WORKERS, NEC	5,070	5,920	850	16.8	2,840	11	SHORT-TERM ON-THE-JOB TRAINING

Table 6
Occupational Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
416	65000	FOOD, BEV PREP AND SERVICE OCCS	245,520	265,850	20,330	8.3	84,260		
417	65002	HOSTS, HOSTESSES--RESTAURANTS	8,210	9,280	1,070	13.0	1,870	11	SHORT-TERM ON-THE-JOB TRAINING
418	65005	BARTENDERS	7,360	7,470	110	1.5	2,220	11	SHORT-TERM ON-THE-JOB TRAINING
419	65008	WAITERS AND WAITRESSES	50,770	56,100	5,330	10.5	20,840	11	SHORT-TERM ON-THE-JOB TRAINING
420	65011	FOOD SERVERS--OUTSIDE	1,240	1,530	290	23.4	880	11	SHORT-TERM ON-THE-JOB TRAINING
421	65014	DINING RM ATTENDANTS, BAR HELPERS	12,380	12,560	180	1.5	2,830	11	SHORT-TERM ON-THE-JOB TRAINING
422	65017	COUNTER ATTENDANTS--FOOD	5,720	6,130	410	7.2	3,770	11	SHORT-TERM ON-THE-JOB TRAINING
423	65021	BAKERS--BREAD AND PASTRY	5,330	5,670	340	6.4	1,040	10	MODERATE-TERM ON-THE-JOB TRAINING
424	65023	BUTCHERS AND MEAT CUTTERS	5,410	5,010	-400	-7.4	870	9	LONG-TERM ON-THE-JOB TRAINING
425	65026	COOKS--RESTAURANT	21,830	24,690	2,860	13.1	4,390	9	LONG-TERM ON-THE-JOB TRAINING
426	65028	COOKS--INSTITUTION OR CAFETERIA	4,640	4,840	200	4.3	900	9	LONG-TERM ON-THE-JOB TRAINING
427	65032	COOKS--SPECIALTY FAST FOOD	15,900	17,820	1,920	12.1	3,180	11	SHORT-TERM ON-THE-JOB TRAINING
428	65035	COOKS--SHORT ORDER	2,410	2,700	290	12.0	480	11	SHORT-TERM ON-THE-JOB TRAINING
429	65038	FOOD PREPARATION WORKERS	40,910	43,720	2,810	6.9	16,500	11	SHORT-TERM ON-THE-JOB TRAINING
430	65041	COMBINED FOOD PREP AND SERVICE	52,560	56,320	3,760	7.2	21,230	11	SHORT-TERM ON-THE-JOB TRAINING
431	65099	FOOD SERVICE WORKERS, NEC	10,850	12,010	1,160	10.7	3,260	11	SHORT-TERM ON-THE-JOB TRAINING
432	66000	HEALTH SERVICE, RELATED OCCS	59,950	67,570	7,620	12.7	7,850		
433	66002	DENTAL ASSISTANTS	7,560	8,770	1,210	16.0	850	10	MODERATE-TERM ON-THE-JOB TRAINING
434	66005	MEDICAL ASSISTANTS	12,290	14,360	2,070	16.8	2,290	10	MODERATE-TERM ON-THE-JOB TRAINING
435	66008	NURSE AIDES, ORDERLIES, ATTENDANTS	25,080	27,460	2,380	9.5	2,540	11	SHORT-TERM ON-THE-JOB TRAINING
436	66011	HOME HEALTH CARE WORKERS	6,010	7,070	1,060	17.6	630	11	SHORT-TERM ON-THE-JOB TRAINING
437	66014	PSYCHIATRIC AIDES	700	730	30	4.3	70	11	SHORT-TERM ON-THE-JOB TRAINING
438	66017	PHYSICAL THERAPY ASSISTANTS & AIDE	1,540	1,790	250	16.2	290	10	MODERATE-TERM ON-THE-JOB TRAINING
439	66021	OCCUPATIONAL THERAPY ASSISTANTS	320	360	40	12.5	60	10	MODERATE-TERM ON-THE-JOB TRAINING
440	66023	AMBULANCE DRIVERS & ATTENDANTS, EX	120	130	10	8.3	20	10	MODERATE-TERM ON-THE-JOB TRAINING
441	66026	PHARMACY AIDES	1,810	2,060	250	13.8	330	11	SHORT-TERM ON-THE-JOB TRAINING
442	66099	HEALTH SERVICE WORKERS, NEC	4,520	4,840	320	7.1	770	11	SHORT-TERM ON-THE-JOB TRAINING

Table 6
Occupational Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
443	67000	CLEANING, BLDING SERV EX PRIV HOUS	92,770	106,540	13,770	14.8	14,680		
444	67002	MAIDS AND HOUSEKEEPING CLEANERS	21,070	23,690	2,620	12.4	2,900	11	SHORT-TERM ON-THE-JOB TRAINING
445	67005	JANITORS, CLEANERS--EXCEPT MAIDS	55,070	64,660	9,590	17.4	9,180	11	SHORT-TERM ON-THE-JOB TRAINING
446	67008	PEST CONTROLLERS AND ASSISTANTS	1,980	2,820	840	42.4	380	10	MODERATE-TERM ON-THE-JOB TRAINING
448	67099	CLEANING, BLDING SERV--EX PH, NEC	14,650	15,370	720	4.9	2,220	11	SHORT-TERM ON-THE-JOB TRAINING
449	68000	MISC PERSONAL SERVICE OCCUPATIONS	45,990	52,450	6,460	14.0	6,780		
450	68002	BARBERS	240	250	10	4.2	50	7	POST-SECONDARY VOCATIONAL EDUCATION
451	68005	HAIRDRESSERS, HAIRSTYLISTS	7,190	7,780	590	8.2	1,350	7	POST-SECONDARY VOCATIONAL EDUCATION
452	68008	MANICURISTS	1,720	2,060	340	19.8	340	7	POST-SECONDARY VOCATIONAL EDUCATION
453	68011	SHAMPOOERS	330	370	40	12.1	60	11	SHORT-TERM ON-THE-JOB TRAINING
454	68014	AMUSEMENT, RECREATION ATTENDANTS	10,430	11,810	1,380	13.2	1,520	11	SHORT-TERM ON-THE-JOB TRAINING
455	68017	GUIDES	550	630	80	14.5	80	8	WORK EXPERIENCE
456	68021	USHERS, LOBBY ATTENDANTS	4,200	4,860	660	15.7	620	11	SHORT-TERM ON-THE-JOB TRAINING
457	68023	BAGGAGE PORTERS AND BELLHOPS	1,280	1,450	170	13.3	190	11	SHORT-TERM ON-THE-JOB TRAINING
458	68026	FLIGHT ATTENDANTS	6,820	7,960	1,140	16.7	1,080	9	LONG-TERM ON-THE-JOB TRAINING
459	68028	TRANS ATTENDANTS--EX FLIGHT	210	260	50	23.8	30	8	WORK EXPERIENCE
460	68032	WARDROBE ATTENDANTS	340	390	50	14.7	70	8	WORK EXPERIENCE
461	68035	PERSONAL AND HOME CARE AIDES	3,070	3,590	520	16.9	620	11	SHORT-TERM ON-THE-JOB TRAINING
462	68038	CHILD CARE WORKERS	9,200	10,590	1,390	15.1	680	11	SHORT-TERM ON-THE-JOB TRAINING
463	68041	FUNERAL ATTENDANTS	410	450	40	9.8	90	8	WORK EXPERIENCE
464	69000	MISC SERVICE WORKERS	25,150	28,050	2,900	11.5	5,360	8	WORK EXPERIENCE

Table 6
Occupational Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
466	70000	AGRICULTURAL, FORESTRY, FISHING	39,730	46,300	6,570	16.5	8,520		
467	72000	FIRST-LINE SUP/MGR--AG, FOR, FISH	770	860	90	11.7	80	8	WORK EXPERIENCE
475	79000	MISC AG, FORESTRY, FISHING	38,960	45,440	6,480	16.6	8,440		
476	79002	FOREST, CONSERVATION WORKERS	1,020	1,100	80	7.8	160	11	SHORT-TERM ON-THE-JOB TRAINING
478	79011	GRADERS, SORTERS--AG PRODUCTS	1,470	1,640	170	11.6	280	11	SHORT-TERM ON-THE-JOB TRAINING
481	79017	ANIMAL CARETAKERS--EXCEPT FARM	2,380	2,720	340	14.3	260	11	SHORT-TERM ON-THE-JOB TRAINING
483	79033	PRUNERS	330	360	30	9.1	70	11	SHORT-TERM ON-THE-JOB TRAINING
484	79036	SPRAYERS, APPLICATORS	110	130	20	18.2	30	10	MODERATE-TERM ON-THE-JOB TRAINING
485	79041	LABORERS, LANDSCAPING/GROUNDSKEEPI	28,660	33,640	4,980	17.4	6,600	11	SHORT-TERM ON-THE-JOB TRAINING
486	79806	VETERINARY ASSISTANTS	1,110	1,210	100	9.0	120	11	SHORT-TERM ON-THE-JOB TRAINING
487	79856	FARMWORKERS-FOOD, FIBER CROPS	260	310	50	19.2	60	11	SHORT-TERM ON-THE-JOB TRAINING
488	79858	FARMWORKERS-FARM/RANCH ANIMALS	110	140	30	27.3	30	11	SHORT-TERM ON-THE-JOB TRAINING
489	79999	AG, FORESTRY, FISHING--NEC	3,510	4,190	680	19.4	830	11	SHORT-TERM ON-THE-JOB TRAINING
490	80000	PROD, CONST, OPER, MAT HANDLING	1,047,540	1,168,440	120,900	11.5	182,060		
491	81000	FIRST-LINE SUP/MGR-BLUE COLLAR	61,840	69,080	7,240	11.7	12,530		
492	81002	FIRST-LINE SUP/MGR-MECH, REPAIRERS	10,620	11,890	1,270	12.0	2,320	8	WORK EXPERIENCE
493	81005	FIRST-LINE SUP/MGR-CONSTRUCTION	6,790	8,710	1,920	28.3	1,440	8	WORK EXPERIENCE
494	81008	FIRST-LINE SUP/MGR-PRODUCTION	16,720	18,120	1,400	8.4	3,410	8	WORK EXPERIENCE
495	81011	FIRST-LINE SUP/MGR-TRANSPORTATION	3,890	4,440	550	14.1	750	8	WORK EXPERIENCE
496	81017	FIRST-LINE SUP/MGR-HELP, LABORERS	5,800	6,520	720	12.4	1,140	8	WORK EXPERIENCE
497	81099	FIRST-LINE SUP/MGR-BLUE COLLAR NEC	18,020	19,400	1,380	7.7	3,470	8	WORK EXPERIENCE

Table 6
Occupational Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
498	83000	INSPECTORS, RELATED OCCUPATIONS	28,140	28,850	710	2.5	4,420		
499	83002	INSPECTORS, TESTERS, & GRADERS, PRECI	6,880	6,400	-480	-7.0	950	8	WORK EXPERIENCE
500	83005	PROD INSPECTORS, TESTERS, & GRADER	14,110	14,580	470	3.3	2,280	8	WORK EXPERIENCE
501	83008	TRANSPORTATION INSPECTORS	360	380	20	5.6	50	8	WORK EXPERIENCE
502	83099	INSPECTORS, TESTERS, RELATED, NEC	6,790	7,490	700	10.3	1,140	8	WORK EXPERIENCE
503	85000	MECHANICS, INSTALLERS, REPAIRERS	128,320	144,880	16,560	12.9	22,660		
504	85100	MACHINERY AND RELATED MECHANICS	46,960	51,720	4,760	10.1	7,720		
505	85110	MACHINERY MAINTENANCE MECHANICS	6,490	6,950	460	7.1	1,050	9	LONG-TERM ON-THE-JOB TRAINING
506	85112	MAINTENANCE MECHANICS--TEXTILE	350	460	110	31.4	60	9	LONG-TERM ON-THE-JOB TRAINING
507	85113	MAINTENANCE MECHANICS--SEWING MACH	810	870	60	7.4	130	9	LONG-TERM ON-THE-JOB TRAINING
508	85116	MAINT MECHANICS--MARINE EQUIP	210	310	100	47.6	40	9	LONG-TERM ON-THE-JOB TRAINING
510	85118	MAINT MECHANICS--WATER, POWER	2,660	2,950	290	10.9	440	9	LONG-TERM ON-THE-JOB TRAINING
511	85119	MACHINERY MAINT MECHANICS, NEC	1,690	1,930	240	14.2	280	9	LONG-TERM ON-THE-JOB TRAINING
512	85123	MILLWRIGHTS	720	850	130	18.1	150	9	LONG-TERM ON-THE-JOB TRAINING
514	85128	MACHINERY MAINTENANCE WORKERS	1,750	1,890	140	8.0	280	9	LONG-TERM ON-THE-JOB TRAINING
515	85132	MAINT REPAIRERS, GENL UTILITY	32,280	35,510	3,230	10.0	5,290	9	LONG-TERM ON-THE-JOB TRAINING
516	85300	MOBILE EQUIP MECHANICS, REPAIRERS	38,330	41,870	3,540	9.2	6,850		
517	85302	AUTOMOTIVE MECHANICS	18,350	20,370	2,020	11.0	3,360	9	LONG-TERM ON-THE-JOB TRAINING
518	85305	AUTOMOTIVE BODY, RELATED REPAIRERS	5,920	6,220	300	5.1	1,240	9	LONG-TERM ON-THE-JOB TRAINING
519	85308	MOTORCYCLE REPAIRERS	230	220	-10	-4.3	40	9	LONG-TERM ON-THE-JOB TRAINING
520	85311	BUS AND TRUCK MECHANICS	5,280	6,070	790	15.0	870	9	LONG-TERM ON-THE-JOB TRAINING
521	85314	MOBILE HEAVY EQUIP MECH--EX ENGINE	1,860	2,100	240	12.9	360	9	LONG-TERM ON-THE-JOB TRAINING
522	85317	RAIL CAR REPAIRERS	630	710	80	12.7	120	9	LONG-TERM ON-THE-JOB TRAINING
524	85323	AIRCRAFT MECHANICS	5,730	5,800	70	1.2	800	7	POST-SECONDARY VOCATIONAL EDUCATION
526	85328	SMALL ENGINE SPECIALISTS	330	380	50	15.2	60	9	LONG-TERM ON-THE-JOB TRAINING

Table 6
Occupational Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
528	85500	COMM EQUIPMENT MECHANICS	2,230	2,720	490	22.0	500		
529	85502	CENTRAL OFFICE AND PBX INSTALLERS	300	420	120	40.0	80	7	POST-SECONDARY VOCATIONAL EDUCATION
530	85505	FRAME WIRERS, CENTRAL OFFICE	160	190	30	18.8	40	7	POST-SECONDARY VOCATIONAL EDUCATION
533	85514	RADIO MECHANICS	110	100	-10	-9.1	20	7	POST-SECONDARY VOCATIONAL EDUCATION
534	85599	COMM EQUIPMENT MECHANICS, NEC	1,660	2,010	350	21.1	360	7	POST-SECONDARY VOCATIONAL EDUCATION
535	85700	OTHER ELECTRICAL EQUIP MECHANICS	17,160	20,880	3,720	21.7	3,800		
536	85702	TELEPHONE, CABLE TV INSTALLERS	6,380	8,900	2,520	39.5	1,720	9	LONG-TERM ON-THE-JOB TRAINING
537	85705	DATA PROCESSING EQUIP REPAIRERS	870	930	60	6.9	90	7	POST-SECONDARY VOCATIONAL EDUCATION
538	85708	ELECT HOME ENTERTAINMENT REPAIRERS	810	730	-80	-9.9	150	7	POST-SECONDARY VOCATIONAL EDUCATION
539	85711	ELECT HOME APPL & POWER TOOL REPAI	790	850	60	7.6	170	9	LONG-TERM ON-THE-JOB TRAINING
540	85714	ELECT MOTOR, AND RELATED REPAIRERS	580	530	-50	-8.6	100	7	POST-SECONDARY VOCATIONAL EDUCATION
541	85717	ELECT REPAIRERS--COMMERCIAL	1,740	1,920	180	10.3	360	7	POST-SECONDARY VOCATIONAL EDUCATION
543	85723	ELECT POWERLINE INSTALLERS	1,280	1,450	170	13.3	220	9	LONG-TERM ON-THE-JOB TRAINING
544	85726	STATION INSTALLERS--TELEPHONE	1,100	990	-110	-10.0	240	7	POST-SECONDARY VOCATIONAL EDUCATION
545	85728	ELEC INSTALLERS--TRANS EQUIPMENT	950	990	40	4.2	180	7	POST-SECONDARY VOCATIONAL EDUCATION
546	85799	ELECT EQUIP MECHANICS, NEC	2,660	3,590	930	35.0	570	9	LONG-TERM ON-THE-JOB TRAINING
547	85900	MISC MECH, INSTALLERS, REPAIRERS	23,640	27,690	4,050	17.1	3,790		
548	85902	HEATING, AC, REFRIG MECHANICS	4,740	5,800	1,060	22.4	680	9	LONG-TERM ON-THE-JOB TRAINING
549	85905	INSTRUMENT REPAIRERS, PRECISION	830	900	70	8.4	150	9	LONG-TERM ON-THE-JOB TRAINING
550	85908	ELECTROMED, BIOMEDL EQUIP REPAIRER	290	300	10	3.4	50	9	LONG-TERM ON-THE-JOB TRAINING
551	85911	ELECT METER INSTALLERS, REPAIRERS	950	1,000	50	5.3	170	9	LONG-TERM ON-THE-JOB TRAINING
553	85917	WATCHMAKERS	100	100	0	0.0	20	9	LONG-TERM ON-THE-JOB TRAINING
554	85921	MUSICAL INST REPAIRERS AND TUNERS	280	300	20	7.1	50	9	LONG-TERM ON-THE-JOB TRAINING
555	85923	LOCKSMITHS AND SAFE REPAIRERS	420	480	60	14.3	80	10	MODERATE-TERM ON-THE-JOB TRAINING
556	85926	OFF MACH, CASH REGISTER SERVICERS	1,500	1,620	120	8.0	230	9	LONG-TERM ON-THE-JOB TRAINING
557	85928	MECH CONTROL, VALVE INSTALLERS	550	590	40	7.3	100	9	LONG-TERM ON-THE-JOB TRAINING
558	85932	ELEVATOR INSTALLERS AND REPAIRERS	450	570	120	26.7	90	9	LONG-TERM ON-THE-JOB TRAINING
559	85935	RIGGERS	230	250	20	8.7	40	9	LONG-TERM ON-THE-JOB TRAINING

Table 6
Occupational Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
560	85938	INSTALLER & REPAIRER, MOBILE HOME	380	450	70	18.4	60	9	LONG-TERM ON-THE-JOB TRAINING
562	85947	COIN, VENDING MACHINE SERVICERS	430	430	0	0.0	70	9	LONG-TERM ON-THE-JOB TRAINING
563	85951	BICYCLE REPAIRERS	130	160	30	23.1	20	10	MODERATE-TERM ON-THE-JOB TRAINING
564	85953	TIRE REPAIRERS AND CHANGERS	1,630	1,710	80	4.9	530	11	SHORT-TERM ON-THE-JOB TRAINING
565	85956	MENDERS, GARMENTS AND LINENS	340	380	40	11.8	60	9	LONG-TERM ON-THE-JOB TRAINING
566	85999	MECHS, INSTALLERS, REPAIRERS, NEC	10,390	12,650	2,260	21.8	1,390	9	LONG-TERM ON-THE-JOB TRAINING
567	87000	CONSTRUCTION TRADES	83,260	101,590	18,330	22.0	14,640		
568	87100	CARPENTERS AND RELATED WORKERS	24,690	31,240	6,550	26.5	4,720		
569	87102	CARPENTERS	19,150	24,460	5,310	27.7	4,080	9	LONG-TERM ON-THE-JOB TRAINING
570	87105	CEILING TILE INSTALLERS	610	760	150	24.6	130	10	MODERATE-TERM ON-THE-JOB TRAINING
571	87108	DRYWALL INSTALLERS	2,170	2,730	560	25.8	230	10	MODERATE-TERM ON-THE-JOB TRAINING
572	87111	TAPERS	1,220	1,520	300	24.6	130	10	MODERATE-TERM ON-THE-JOB TRAINING
573	87114	LATHERS	1,540	1,770	230	14.9	150	10	MODERATE-TERM ON-THE-JOB TRAINING
575	87200	ELECTRICIANS AND RELATED WORKERS	12,300	14,640	2,340	19.0	1,910		
576	87202	ELECTRICIANS	12,300	14,640	2,340	19.0	1,910	9	LONG-TERM ON-THE-JOB TRAINING
577	87300	MASONS AND RELATED WORKERS	9,290	11,730	2,440	26.3	1,500		
578	87302	BRICK MASONS	1,800	2,370	570	31.7	300	9	LONG-TERM ON-THE-JOB TRAINING
579	87305	STONE MASONS	120	140	20	16.7	20	9	LONG-TERM ON-THE-JOB TRAINING
580	87308	HARD TILE SETTERS	670	780	110	16.4	130	9	LONG-TERM ON-THE-JOB TRAINING
581	87311	CONCRETE AND TERRAZZO FINISHERS	2,900	3,660	760	26.2	270	9	LONG-TERM ON-THE-JOB TRAINING
582	87314	REINFORCING METAL WORKERS	1,740	2,070	330	19.0	350	9	LONG-TERM ON-THE-JOB TRAINING
583	87317	PLASTERERS AND STUCCO MASONS	2,060	2,710	650	31.6	430	9	LONG-TERM ON-THE-JOB TRAINING
584	87400	PAINTERS AND RELATED WORKERS	9,000	10,750	1,750	19.4	1,760		
585	87402	PAINTERS, PAPERHANGERS--CONST	9,000	10,750	1,750	19.4	1,760	10	MODERATE-TERM ON-THE-JOB TRAINING

Table 6
Occupational Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
586	87500	PLUMBERS AND RELATED WORKERS	9,310	10,920	1,610	17.3	1,000		
587	87502	PLUMBERS, PIPEFITTERS, STEAMFITTER	7,770	9,200	1,430	18.4	730	9	LONG-TERM ON-THE-JOB TRAINING
588	87505	PIPELAYING FITTERS	120	120	0	0.0	20	10	MODERATE-TERM ON-THE-JOB TRAINING
589	87508	PIPELAYERS	1,180	1,330	150	12.7	210	10	MODERATE-TERM ON-THE-JOB TRAINING
590	87511	SEPTIC TANK, SEWER PIPE SERVICERS	240	270	30	12.5	40	10	MODERATE-TERM ON-THE-JOB TRAINING
591	87600	CARPET, FLOOR INSTALLERS	2,880	3,420	540	18.8	510		
592	87602	CARPET INSTALLERS	2,000	2,340	340	17.0	330	10	MODERATE-TERM ON-THE-JOB TRAINING
593	87605	FLOOR LAYERS--EX CARPET,WOOD,TILES	880	1,080	200	22.7	180	10	MODERATE-TERM ON-THE-JOB TRAINING
595	87700	SELECTED ROAD, RAIL AND RELATED	2,120	2,390	270	12.7	390		
598	87708	PAVING, TAMPING-EQUIP OPERATORS	1,160	1,350	190	16.4	230	10	MODERATE-TERM ON-THE-JOB TRAINING
599	87711	HIGHWAY MAINTENANCE WORKERS	960	1,040	80	8.3	160	11	SHORT-TERM ON-THE-JOB TRAINING
601	87800	CONSTRUCTION TRADES, NEC	8,610	10,590	1,980	23.0	1,890		
602	87802	INSULATION WORKERS	170	180	10	5.9	40	10	MODERATE-TERM ON-THE-JOB TRAINING
603	87803	HAZARDOUS MATERIALS REMOVAL WORKER	820	920	100	12.2	140	7	POST-SECONDARY VOCATIONAL EDUCATION
604	87805	SHEET METAL DUCT INSTALLERS	1,330	1,830	500	37.6	280	10	MODERATE-TERM ON-THE-JOB TRAINING
605	87808	ROOFERS	2,830	3,390	560	19.8	740	10	MODERATE-TERM ON-THE-JOB TRAINING
606	87811	GLAZIERS	550	650	100	18.2	110	9	LONG-TERM ON-THE-JOB TRAINING
607	87814	STRUCTURAL METAL WORKERS	1,480	1,870	390	26.4	310	9	LONG-TERM ON-THE-JOB TRAINING
608	87817	FENCE ERECTORS	350	440	90	25.7	70	10	MODERATE-TERM ON-THE-JOB TRAINING
609	87899	CONSTRUCTION TRADES WORKERS, NEC	1,080	1,310	230	21.3	200	10	MODERATE-TERM ON-THE-JOB TRAINING
610	87900	EXTRACTIVE AND RELATED WORKERS	5,060	5,910	850	16.8	960		
611	87902	EARTH DRILLERS, EXCEPT OIL AND GAS	290	330	40	13.8	60	10	MODERATE-TERM ON-THE-JOB TRAINING
617	87921	ROUSTABOUTS	320	250	-70	-21.9	50	11	SHORT-TERM ON-THE-JOB TRAINING
623	87989	EXTRACTIVE WORKERS--EX HELPERS,NEC	130	160	30	23.1	30	10	MODERATE-TERM ON-THE-JOB TRAINING
624	87999	CONST, EXTRACTIVE--EX HELPERS, NEC	4,320	5,170	850	19.7	820	10	MODERATE-TERM ON-THE-JOB TRAINING

Table 6
Occupational Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
625	89000	PRODUCTION OCCUPATIONS, PRECISION	62,910	68,990	6,080	9.7	9,740		
626	89100	METAL WORKERS, PRECISION	28,630	30,000	1,370	4.8	4,380		
627	89102	TOOL AND DIE MAKERS	2,690	2,680	-10	-0.4	340	9	LONG-TERM ON-THE-JOB TRAINING
628	89105	INSTRUMENT MAKERS, PRECISION	180	180	0	0.0	20	9	LONG-TERM ON-THE-JOB TRAINING
629	89108	MACHINISTS	14,940	15,450	510	3.4	2,100	9	LONG-TERM ON-THE-JOB TRAINING
630	89111	TOOL GRINDERS, FILERS, SHARPENERS	1,910	2,040	130	6.8	340	9	LONG-TERM ON-THE-JOB TRAINING
632	89117	LAYOUT WORKERS--METAL, PRECISION	370	390	20	5.4	70	9	LONG-TERM ON-THE-JOB TRAINING
634	89123	JEWELERS AND SILVERSMITHS	1,920	2,060	140	7.3	340	9	LONG-TERM ON-THE-JOB TRAINING
635	89126	HAND WORKERS--JEWELRY, PRECISION	900	1,010	110	12.2	160	9	LONG-TERM ON-THE-JOB TRAINING
637	89132	SHEET METAL WORKERS	4,890	5,310	420	8.6	860	10	MODERATE-TERM ON-THE-JOB TRAINING
639	89199	METAL WORKERS, NEC--PRECISION	830	880	50	6.0	150	9	LONG-TERM ON-THE-JOB TRAINING
640	89300	WOODWORKERS, PRECISION	6,300	7,100	800	12.7	750		
641	89302	PATTERN AND MODEL MAKERS--WOOD	160	160	0	0.0	30	9	LONG-TERM ON-THE-JOB TRAINING
643	89308	WOOD MACHINISTS	1,590	1,780	190	11.9	130	9	LONG-TERM ON-THE-JOB TRAINING
644	89311	CABINETMAKERS AND BENCH CARPENTERS	2,480	2,750	270	10.9	210	9	LONG-TERM ON-THE-JOB TRAINING
645	89314	FURNITURE FINISHERS	1,650	1,920	270	16.4	300	9	LONG-TERM ON-THE-JOB TRAINING
646	89399	WOODWORKERS, NEC--PRECISION	420	490	70	16.7	80	9	LONG-TERM ON-THE-JOB TRAINING
647	89500	TEXTILE, APPAREL, FURNISHINGS,PREC	9,240	10,360	1,120	12.1	1,360		
648	89502	PATTERNMAKERS AND LAYOUT WORKERS	1,870	2,300	430	23.0	290	9	LONG-TERM ON-THE-JOB TRAINING
649	89505	CUSTOM TAILORS AND SEWERS	1,450	1,440	-10	-0.7	190	8	WORK EXPERIENCE
650	89508	UPHOLSTERERS	2,450	2,770	320	13.1	370	9	LONG-TERM ON-THE-JOB TRAINING
651	89511	SHOE AND LEATHER WKRS--PRECISION	740	840	100	13.5	110	9	LONG-TERM ON-THE-JOB TRAINING
652	89514	SPOTTERS--DRY CLEANING	280	310	30	10.7	50	10	MODERATE-TERM ON-THE-JOB TRAINING
653	89517	PRESSERS--DELICATE FABRICS	850	950	100	11.8	100	9	LONG-TERM ON-THE-JOB TRAINING
654	89521	DYERS, PRECISION	300	390	90	30.0	60	9	LONG-TERM ON-THE-JOB TRAINING
655	89599	TEXT,APPAREL,FURNISHINGS,NEC--PREC	1,300	1,360	60	4.6	190	9	LONG-TERM ON-THE-JOB TRAINING

Table 6
Occupational Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
656	89700	PRINTING WORKERS, PRECISION	4,170	4,640	470	11.3	540		
657	89702	HAND COMPOSITORS AND TYPESETTERS	140	110	-30	-21.4	20	9	LONG-TERM ON-THE-JOB TRAINING
658	89705	JOB PRINTERS	620	710	90	14.5	90	9	LONG-TERM ON-THE-JOB TRAINING
659	89706	PASTE UP WORKERS	220	150	-70	-31.8	20	9	LONG-TERM ON-THE-JOB TRAINING
660	89707	ELECTRONIC PAGINATION SYSTEM WKRS	910	1,510	600	65.9	140	9	LONG-TERM ON-THE-JOB TRAINING
663	89713	CAMERA OPERATORS	220	180	-40	-18.2	20	9	LONG-TERM ON-THE-JOB TRAINING
664	89715	SCANNER OPERATORS	240	260	20	8.3	30	9	LONG-TERM ON-THE-JOB TRAINING
665	89717	STRIPPERS	830	690	-140	-16.9	90	9	LONG-TERM ON-THE-JOB TRAINING
666	89718	PLATEMAKERS	610	640	30	4.9	70	9	LONG-TERM ON-THE-JOB TRAINING
667	89719	LITHO & PHOTOENGRAVING WORKERS, NEC	210	230	20	9.5	30	9	LONG-TERM ON-THE-JOB TRAINING
668	89721	BOOKBINDERS	170	160	-10	-5.9	30	10	MODERATE-TERM ON-THE-JOB TRAINING
670	89800	FOOD WORKERS, PRECISION	4,150	4,930	780	18.8	710		
671	89802	SLAUGHTERERS AND BUTCHERS	750	750	0	0.0	120	9	LONG-TERM ON-THE-JOB TRAINING
672	89805	BAKERS--MANUFACTURING	1,620	2,060	440	27.2	160	10	MODERATE-TERM ON-THE-JOB TRAINING
673	89808	FOOD BATCHMAKERS	1,510	1,790	280	18.5	360	9	LONG-TERM ON-THE-JOB TRAINING
674	89899	FOOD AND TOBACCO WORKERS, NEC	270	330	60	22.2	70	9	LONG-TERM ON-THE-JOB TRAINING
675	89900	OTHER PRECISION WORKERS	10,420	11,960	1,540	14.8	2,000		
676	89902	FOUNDRY MOLD, CORE MAKERS, PRECISION	520	530	10	1.9	100	9	LONG-TERM ON-THE-JOB TRAINING
677	89905	MOLDERS, SHAPERS--EX JEWELRY	230	270	40	17.4	50	9	LONG-TERM ON-THE-JOB TRAINING
678	89908	PATTERNMAKERS, MODEL MAKERS, LAYOU	130	140	10	7.7	30	9	LONG-TERM ON-THE-JOB TRAINING
679	89911	DETAIL DESIGN DECORATORS, PAINTERS	720	770	50	6.9	120	9	LONG-TERM ON-THE-JOB TRAINING
680	89914	PHOTOGRAPHIC PROCESS WKR, PRECISION	310	380	70	22.6	100	9	LONG-TERM ON-THE-JOB TRAINING
681	89917	OPTICAL GOODS WORKERS, PRECISION	390	460	70	17.9	40	9	LONG-TERM ON-THE-JOB TRAINING
682	89921	DENTAL LAB TECHNICIANS, PRECISION	700	640	-60	-8.6	90	9	LONG-TERM ON-THE-JOB TRAINING
683	89923	MEDICAL APPLIANCE MAKERS	440	510	70	15.9	60	9	LONG-TERM ON-THE-JOB TRAINING
684	89926	GEM AND DIAMOND WORKERS	130	140	10	7.7	20	9	LONG-TERM ON-THE-JOB TRAINING
685	89999	WORKERS, PRECISION--NEC	6,850	8,120	1,270	18.5	1,390	9	LONG-TERM ON-THE-JOB TRAINING

Table 6
Occupational Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
686	91000	MACH SETTERS, SET-UP, OPS, TENDERS	210,470	223,270	12,800	6.1	29,260		
687	91100	MACH TOOL CUTTING--METAL, PLASTIC	10,720	9,920	-800	-7.5	1,740		
688	91102	SAW MACH TOOL SETTERS--METAL, PLAST	550	580	30	5.5	90	10	MODERATE-TERM ON-THE-JOB TRAINING
689	91105	LATHE MACH SETTERS--METAL, PLASTIC	2,750	2,510	-240	-8.7	410	10	MODERATE-TERM ON-THE-JOB TRAINING
690	91108	DRILLING MACH SETTER--METAL, PLASTI	1,310	1,150	-160	-12.2	190	10	MODERATE-TERM ON-THE-JOB TRAINING
691	91111	MILLING MACH SETTERS--METAL, PLASTI	1,160	1,150	-10	-0.9	180	10	MODERATE-TERM ON-THE-JOB TRAINING
692	91114	GRINDING MACH SETTER--METAL, PLASTI	2,370	2,270	-100	-4.2	440	10	MODERATE-TERM ON-THE-JOB TRAINING
693	91117	MACH TOOL CUTTING OPS--METAL, PLAST	2,580	2,260	-320	-12.4	430	10	MODERATE-TERM ON-THE-JOB TRAINING
694	91300	MACH FORMING SETTERS--METAL, PLASTI	10,560	10,880	320	3.0	1,700		
695	91302	PUNCH MACH SETTERS--METAL, PLASTIC	2,230	2,260	30	1.3	320	10	MODERATE-TERM ON-THE-JOB TRAINING
696	91305	PRESS MACH SETTERS--METAL, PLASTIC	1,670	1,760	90	5.4	240	10	MODERATE-TERM ON-THE-JOB TRAINING
697	91308	SHEAR MACH SETTERS--METAL, PLASTIC	660	670	10	1.5	110	10	MODERATE-TERM ON-THE-JOB TRAINING
698	91311	EXTRUDING MACH SETTERS--METAL, PLAS	920	1,040	120	13.0	170	10	MODERATE-TERM ON-THE-JOB TRAINING
699	91314	ROLLING MACH SETTERS--METAL, PLAST	400	430	30	7.5	60	10	MODERATE-TERM ON-THE-JOB TRAINING
700	91317	FORGING MACH SETTERS--METAL, PLAST	550	540	-10	-1.8	80	10	MODERATE-TERM ON-THE-JOB TRAINING
701	91321	MACH FORMING OPS, TENDERS--MET, PLAS	4,130	4,180	50	1.2	720	10	MODERATE-TERM ON-THE-JOB TRAINING
702	91500	MACH TOOL SETTERS, OPS--METAL, PLAS	4,720	5,290	570	12.1	770		
703	91502	NUMERICAL MACH TOOL OPS--MET, PLAS	2,560	2,880	320	12.5	420	10	MODERATE-TERM ON-THE-JOB TRAINING
704	91505	COMB MACH TOOL SETTERS--MET, PLAST	990	1,100	110	11.1	160	10	MODERATE-TERM ON-THE-JOB TRAINING
705	91508	COMB MACH TOOL OPS--METAL, PLASTIC	1,170	1,310	140	12.0	190	10	MODERATE-TERM ON-THE-JOB TRAINING
706	91700	METAL FABRICATING MACH SETTERS, OPS	4,170	4,560	390	9.4	740		
707	91702	WELDING MACH SETTERS, SET-UP OPS	800	870	70	8.8	150	10	MODERATE-TERM ON-THE-JOB TRAINING
708	91705	WELDING MACH OPERATORS AND TENDERS	1,560	1,690	130	8.3	290	10	MODERATE-TERM ON-THE-JOB TRAINING
709	91708	SOLDERING, BRAZING MACH SETTERS	370	370	0	0.0	60	10	MODERATE-TERM ON-THE-JOB TRAINING

Table 6
Occupational Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
710	91711	SOLDERING, BRAZING MACH OPS, TENDERS	250	270	20	8.0	40	10	MODERATE-TERM ON-THE-JOB TRAINING
711	91714	METAL FABRICATOR, STRUCT MET PRODS	1,190	1,360	170	14.3	200	10	MODERATE-TERM ON-THE-JOB TRAINING
712	91900	METAL, PLAST PROCESS MACH SETTERS	10,560	10,820	260	2.5	1,820		
713	91902	PLAST MOLDING, CASTING MACH SETTER	1,370	1,380	10	0.7	240	10	MODERATE-TERM ON-THE-JOB TRAINING
714	91905	PLASTIC MOLDING, CASTING MACH OPS	3,240	3,170	-70	-2.2	560	10	MODERATE-TERM ON-THE-JOB TRAINING
715	91908	METAL MOLDING, MACH SETTER, SET-UP	690	730	40	5.8	120	10	MODERATE-TERM ON-THE-JOB TRAINING
716	91911	METAL MOLDING MACH OPS AND TENDERS	1,150	1,240	90	7.8	210	10	MODERATE-TERM ON-THE-JOB TRAINING
717	91914	FOUNDRI MOLD ASSEMBLY, SHAKEOUT	470	480	10	2.1	80	10	MODERATE-TERM ON-THE-JOB TRAINING
718	91917	ELECTROLYTIC PLATING, MACH SETTER	500	540	40	8.0	90	10	MODERATE-TERM ON-THE-JOB TRAINING
719	91921	ELECTROLYTIC PLATING, MACH OPS	1,470	1,640	170	11.6	270	10	MODERATE-TERM ON-THE-JOB TRAINING
720	91923	NONELECTROL PLATING MACH-SETTERS	240	260	20	8.3	40	10	MODERATE-TERM ON-THE-JOB TRAINING
722	91928	HEATING EQUIP SETTERS-METAL, PLAST	130	120	-10	-7.7	20	10	MODERATE-TERM ON-THE-JOB TRAINING
723	91932	HEAT TREATING MACH OPS, TENDERS	790	740	-50	-6.3	130	10	MODERATE-TERM ON-THE-JOB TRAINING
724	91935	FURNACE OPERATORS AND TENDERS	510	520	10	2.0	60	10	MODERATE-TERM ON-THE-JOB TRAINING
727	92100	METAL, PLAST MACH SETTERS, OPS NEC	3,820	4,140	320	8.4	690		
728	92197	CUT, FORM, FAB, PROC MACH SETTER	1,380	1,470	90	6.5	250	10	MODERATE-TERM ON-THE-JOB TRAINING
729	92198	CUT, FORM, FAB, PROCESS MACH OPS	2,440	2,670	230	9.4	440	10	MODERATE-TERM ON-THE-JOB TRAINING
730	92300	WOODWORKING MACH SETTERS, OPS	3,350	3,410	60	1.8	600		
731	92302	SAWING MACH SETTERS, SET-UP OPS	190	190	0	0.0	40	10	MODERATE-TERM ON-THE-JOB TRAINING
733	92308	SAWING MACH OPS AND TENDERS	970	1,000	30	3.1	200	10	MODERATE-TERM ON-THE-JOB TRAINING
734	92311	WOODWORK MACH SETTERS--EX SAWING	750	730	-20	-2.7	120	10	MODERATE-TERM ON-THE-JOB TRAINING
735	92314	WOODWORK MACH OPS, TENDERS--EX SAWING	1,440	1,490	50	3.5	240	10	MODERATE-TERM ON-THE-JOB TRAINING
736	92500	PRINTING, BINDING, RELATED WORKERS	14,710	15,850	1,140	7.7	2,140		
737	92510	PRINT PRESS SETTERS, SET UP OPS	390	390	0	0.0	60	10	MODERATE-TERM ON-THE-JOB TRAINING
738	92512	OFFSET LITHOGRAPHIC PRESS SETTERS	1,590	1,540	-50	-3.1	240	10	MODERATE-TERM ON-THE-JOB TRAINING
739	92515	LETTERPRESS SETTERS, SET-UP OPS	450	430	-20	-4.4	70	10	MODERATE-TERM ON-THE-JOB TRAINING

Table 6
Occupational Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
740	92519	PRINT PRESS SETTERS, SET-UP OPS NEC	200	210	10	5.0	30	10	MODERATE-TERM ON-THE-JOB TRAINING
741	92522	SPEC MATERL PRINTING MACH SETTERS	360	350	-10	-2.8	50	10	MODERATE-TERM ON-THE-JOB TRAINING
742	92524	SCREEN PRINT MACH SETTERS, SET-UP	1,630	1,830	200	12.3	260	10	MODERATE-TERM ON-THE-JOB TRAINING
743	92525	BINDERY MACH SETTERS, SET-UP OPS	910	1,040	130	14.3	120	10	MODERATE-TERM ON-THE-JOB TRAINING
744	92529	PRINT REL SETTERS, SET-UP OPS, NEC	320	340	20	6.3	40	10	MODERATE-TERM ON-THE-JOB TRAINING
745	92541	TYPESETTING, COMPOSING MACH OPS	390	250	-140	-35.9	40	10	MODERATE-TERM ON-THE-JOB TRAINING
746	92543	PRINTING PRESS MACHINE OPS, TENDER	4,600	5,170	570	12.4	740	10	MODERATE-TERM ON-THE-JOB TRAINING
747	92545	PHOTOENGRAVING, LITHO MACH OPS	170	160	-10	-5.9	20	10	MODERATE-TERM ON-THE-JOB TRAINING
748	92546	BINDERY MACHINE OPERATORS	2,780	3,200	420	15.1	360	10	MODERATE-TERM ON-THE-JOB TRAINING
749	92549	PRINT, BINDING, REL MACH OPS, TNDR	920	940	20	2.2	110	10	MODERATE-TERM ON-THE-JOB TRAINING
750	92700	TEXTILE, RELATED SETTERS, OPS	79,410	79,080	-330	-0.4	8,210		
751	92702	TEXTILE MACH SETTERS, SET-UP OPS	350	370	20	5.7	40	10	MODERATE-TERM ON-THE-JOB TRAINING
752	92705	TEXTILE OPS, TNDRS--WIND, TWIST, KNIT	6,150	6,540	390	6.3	730	10	MODERATE-TERM ON-THE-JOB TRAINING
753	92708	EXTRUDING MACH OPS, TNDRS--SYN/GLAS	510	610	100	19.6	60	10	MODERATE-TERM ON-THE-JOB TRAINING
755	92714	TEXTILE BLEACHING, DYEING MACH OPS	2,020	2,330	310	15.3	250	10	MODERATE-TERM ON-THE-JOB TRAINING
756	92717	SEWING MACHINE OPERATORS--GARMENT	52,020	49,340	-2,680	-5.2	4,790	10	MODERATE-TERM ON-THE-JOB TRAINING
757	92721	SEWING MACHINE OPS--NON-GARMENT	8,540	9,580	1,040	12.2	860	10	MODERATE-TERM ON-THE-JOB TRAINING
758	92723	SHOE SEWING MACHINE OPS, TENDERS	100	100	0	0.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
759	92726	LNDRY, DRYCLEAN MACH OPS--EX PRESS	5,140	5,840	700	13.6	950	10	MODERATE-TERM ON-THE-JOB TRAINING
760	92728	PRESSING MACH OPS--TEXTILE, GARMEN	4,580	4,370	-210	-4.6	520	10	MODERATE-TERM ON-THE-JOB TRAINING
761	92900	MACH SETTER, SET-UP, OP--EX MET, PLAS	68,450	79,320	10,870	15.9	10,850		
762	92902	ELECTRONIC SEMICONDUCTOR PROCESSOR	890	1,010	120	13.5	100	10	MODERATE-TERM ON-THE-JOB TRAINING
763	92905	MOTION PICTURE PROJECTIONISTS	290	280	-10	-3.4	50	11	SHORT-TERM ON-THE-JOB TRAINING
764	92908	PHOTOGRAPHIC PROC MACH OPS, TNDRS	3,010	2,840	-170	-5.6	820	11	SHORT-TERM ON-THE-JOB TRAINING
766	92914	PAPER GOODS MACH SETTERS, SET-UP OP	860	790	-70	-8.1	120	10	MODERATE-TERM ON-THE-JOB TRAINING
767	92917	COOKING MACH OPS, TNDRS-FOOD, TOBACC	630	590	-40	-6.3	60	10	MODERATE-TERM ON-THE-JOB TRAINING
768	92921	ROASTING, BAKING MACH OPS--FOOD	450	450	0	0.0	70	10	MODERATE-TERM ON-THE-JOB TRAINING
769	92923	FURNACE, KILN, KETTLE OPS, TENDERS	610	590	-20	-3.3	70	10	MODERATE-TERM ON-THE-JOB TRAINING
770	92926	BOILER OPS, TENDERS--LOW PRESSURE	120	120	0	0.0	20	10	MODERATE-TERM ON-THE-JOB TRAINING

Table 6
Occupational Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
771	92928	COOLING, FREEZING EQUIP OPS, TNDRS	100	110	10	10.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
772	92932	DAIRY PROC EQUIP OPRS--INC SETTERS	420	420	0	0.0	70	10	MODERATE-TERM ON-THE-JOB TRAINING
773	92935	CHEMICAL EQUIP CONTROLLERS, OPS	780	930	150	19.2	140	10	MODERATE-TERM ON-THE-JOB TRAINING
774	92938	CHEMICAL EQUIPMENT TENDERS	230	280	50	21.7	40	10	MODERATE-TERM ON-THE-JOB TRAINING
775	92941	CUT, SLICING MACH SETTERS, SET-UP	1,040	1,150	110	10.6	190	10	MODERATE-TERM ON-THE-JOB TRAINING
776	92944	CUTTING, SLICING MACH OPS, TNDRS	3,050	3,220	170	5.6	530	10	MODERATE-TERM ON-THE-JOB TRAINING
777	92947	PAINTERS, TRANSPORTATION EQUIP	1,370	1,360	-10	-0.7	210	10	MODERATE-TERM ON-THE-JOB TRAINING
778	92951	PAINT, COAT & SPRAY MACH SETTERS	1,080	1,180	100	9.3	170	10	MODERATE-TERM ON-THE-JOB TRAINING
779	92953	PAINTING, REL MACH OPS, TENDERS	2,240	2,520	280	12.5	360	10	MODERATE-TERM ON-THE-JOB TRAINING
780	92956	CEMENTING, GLUING MACH OPS, TENDERS	940	850	-90	-9.6	150	10	MODERATE-TERM ON-THE-JOB TRAINING
781	92958	CLEANING, PICKLING EQUIP OPS, TNDRS	690	740	50	7.2	120	10	MODERATE-TERM ON-THE-JOB TRAINING
782	92962	SEPARATING, STILL MACH OPS, TNDRS	870	1,020	150	17.2	160	10	MODERATE-TERM ON-THE-JOB TRAINING
783	92965	CRUSHING, MIXING MACH OPS, TNDRS	4,140	4,500	360	8.7	710	10	MODERATE-TERM ON-THE-JOB TRAINING
784	92968	EXTRUDING, FORMING, SETTERS, SET-U	860	910	50	5.8	150	10	MODERATE-TERM ON-THE-JOB TRAINING
785	92971	EXTRUDING, FORMING MACH OPS, TNDRS	910	960	50	5.5	160	10	MODERATE-TERM ON-THE-JOB TRAINING
786	92974	PACKAGING, FILLING MACH OPS, TNDRS	17,400	21,090	3,690	21.2	3,510	10	MODERATE-TERM ON-THE-JOB TRAINING
787	92997	MACHINE SETTERS & SET-UP OPS, NEC	5,000	5,650	650	13.0	540	10	MODERATE-TERM ON-THE-JOB TRAINING
788	92998	MACHINE OPERATORS AND TENDERS, NEC	20,470	25,760	5,290	25.8	2,320	10	MODERATE-TERM ON-THE-JOB TRAINING
789	93000	ASSEMBLERS AND FABRICATORS--HAND	108,710	118,670	9,960	9.2	17,380		
790	93100	ASSEMBLERS, PRECISION	16,820	16,440	-380	-2.3	2,640		
791	93102	AIRCRAFT ASSEMBLERS--PRECISION	2,820	2,440	-380	-13.5	450	8	WORK EXPERIENCE
792	93105	MACH BLDR, OTH PREC MACH ASSEMBLER	1,820	1,800	-20	-1.1	310	8	WORK EXPERIENCE
793	93108	FITTERS, STRUCTURAL METAL--PREC	230	250	20	8.7	40	8	WORK EXPERIENCE
794	93111	ELECTROMECH EQUIP ASSEMBLERS--PREC	2,340	2,340	0	0.0	350	8	WORK EXPERIENCE
795	93114	ELECTRICAL EQUIP ASSEMBLERS--PREC	7,220	7,260	40	0.6	1,090	8	WORK EXPERIENCE
797	93197	ASSEMBLERS, NEC--PRECISION	2,390	2,350	-40	-1.7	400	8	WORK EXPERIENCE

Table 6
Occupational Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
798	93900	OTHER HAND WORKERS	91,890	102,230	10,340	11.3	14,740		
799	93902	MACHINE ASSEMBLERS	1,400	1,490	90	6.4	180	11	SHORT-TERM ON-THE-JOB TRAINING
800	93905	ELECTRICAL, ELECTRONIC ASSEMBLERS	6,810	7,060	250	3.7	860	11	SHORT-TERM ON-THE-JOB TRAINING
801	93908	COIL WINDERS, TAPERS, FINISHERS	350	360	10	2.9	40	11	SHORT-TERM ON-THE-JOB TRAINING
802	93911	GLAZIERS, MANUFACTURING	330	360	30	9.1	60	11	SHORT-TERM ON-THE-JOB TRAINING
803	93914	WELDERS AND CUTTERS	7,900	9,000	1,100	13.9	1,490	7	POST-SECONDARY VOCATIONAL EDUCATION
804	93917	SOLDERERS AND BRAZERS	1,020	1,120	100	9.8	170	11	SHORT-TERM ON-THE-JOB TRAINING
805	93921	PRESSERS--HAND	1,390	1,240	-150	-10.8	250	11	SHORT-TERM ON-THE-JOB TRAINING
806	93923	SEWERS--HAND	790	870	80	10.1	110	11	SHORT-TERM ON-THE-JOB TRAINING
807	93926	CUTTERS AND TRIMMERS--HAND	4,920	4,960	40	0.8	800	11	SHORT-TERM ON-THE-JOB TRAINING
808	93928	PORTABLE MACHINE CUTTERS	750	780	30	4.0	120	11	SHORT-TERM ON-THE-JOB TRAINING
810	93935	CANNERY WORKERS	490	470	-20	-4.1	90	11	SHORT-TERM ON-THE-JOB TRAINING
811	93938	MEAT, POULTRY, FISH CUTTERS--HAND	1,130	1,290	160	14.2	200	11	SHORT-TERM ON-THE-JOB TRAINING
812	93941	METAL POURERS, CASTERS--BASIC	210	200	-10	-4.8	30	11	SHORT-TERM ON-THE-JOB TRAINING
813	93944	MOLDERS AND CASTERS--HAND	550	600	50	9.1	90	11	SHORT-TERM ON-THE-JOB TRAINING
814	93947	PAINTING, COATING, DECORATING--HAN	1,180	1,340	160	13.6	200	11	SHORT-TERM ON-THE-JOB TRAINING
816	93953	GRINDING, POLISHING WORKERS--HAND	3,420	3,590	170	5.0	660	11	SHORT-TERM ON-THE-JOB TRAINING
817	93956	ASSEMB, FABRICATORS--EX MACH,ELECT	37,680	40,900	3,220	8.5	4,860	11	SHORT-TERM ON-THE-JOB TRAINING
818	93999	HAND WORKERS, NEC	21,570	26,600	5,030	23.3	4,530	11	SHORT-TERM ON-THE-JOB TRAINING
819	95000	PLANT AND SYSTEM OCCUPATIONS	13,950	15,990	2,040	14.6	3,170		
820	95002	WATER TREATMENT PLANT OPERATORS	1,990	2,170	180	9.0	330	9	LONG-TERM ON-THE-JOB TRAINING
822	95008	CHEMICAL PLANT, SYSTEM OPERATORS	250	300	50	20.0	60	9	LONG-TERM ON-THE-JOB TRAINING
823	95011	PETROLEUM PUMP SYSTEM OPERATORS	260	240	-20	-7.7	60	9	LONG-TERM ON-THE-JOB TRAINING
824	95014	PETRO REFINERY, CONTROL PANEL OPS	760	730	-30	-3.9	170	9	LONG-TERM ON-THE-JOB TRAINING
825	95017	GAUGERS	200	210	10	5.0	50	9	LONG-TERM ON-THE-JOB TRAINING
826	95021	POWER PLANT OPS--EX AUXILIARY EQUI	2,390	2,600	210	8.8	560	9	LONG-TERM ON-THE-JOB TRAINING
829	95028	POWER DISTRIBUTORS AND DISPATCHERS	320	310	-10	-3.1	70	9	LONG-TERM ON-THE-JOB TRAINING

Table 6
Occupational Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
830	95032	STATIONARY ENGINEERS	690	700	10	1.4	100	9	LONG-TERM ON-THE-JOB TRAINING
831	95099	PLANT AND SYSTEM OPERATORS, NEC	7,090	8,730	1,640	23.1	1,770	9	LONG-TERM ON-THE-JOB TRAINING
832	97000	TRANS, MATERIAL MOVING MACHINE OPS	150,520	173,980	23,460	15.6	18,550		
833	97100	MOTOR VEHICLE OPERATORS	97,180	113,140	15,960	16.4	11,300		
834	97102	TRUCK DRIVERS, HEAVY	27,290	32,860	5,570	20.4	2,980	11	SHORT-TERM ON-THE-JOB TRAINING
835	97105	TRUCK DRIVERS, LIGHT	40,670	48,260	7,590	18.7	4,410	11	SHORT-TERM ON-THE-JOB TRAINING
836	97108	BUS DRIVERS	9,370	10,090	720	7.7	1,200	10	MODERATE-TERM ON-THE-JOB TRAINING
837	97111	BUS DRIVERS--SCHOOL	6,870	8,050	1,180	17.2	920	11	SHORT-TERM ON-THE-JOB TRAINING
838	97114	TAXI DRIVERS AND CHAUFFEURS	1,940	2,260	320	16.5	240	11	SHORT-TERM ON-THE-JOB TRAINING
839	97117	DRIVER/SALES WORKERS	9,560	10,210	650	6.8	1,370	11	SHORT-TERM ON-THE-JOB TRAINING
840	97199	MOTOR VEHICLE OPERATORS, NEC	1,480	1,410	-70	-4.7	180	11	SHORT-TERM ON-THE-JOB TRAINING
841	97300	RAIL TRANSPORTATION WORKERS	610	650	40	6.6	150		
846	97314	SUBWAY AND STREETCAR OPERATORS	610	650	40	6.6	150	10	MODERATE-TERM ON-THE-JOB TRAINING
849	97500	WATER TRANSPORTATION WORKERS	460	730	270	58.7	170		
850	97502	CAPTAINS--WATER VESSEL	170	270	100	58.8	60	8	WORK EXPERIENCE
851	97505	MATES--SHIP, BOAT, AND BARGE	130	210	80	61.5	50	8	WORK EXPERIENCE
854	97514	ABLE SEAMEN	160	250	90	56.3	60	11	SHORT-TERM ON-THE-JOB TRAINING
857	97700	AIR TRANSPORTATION WORKERS	2,370	2,390	20	0.8	350		
858	97702	AIRCRAFT PILOTS, FLIGHT ENGINEERS	2,370	2,390	20	0.8	350	9	LONG-TERM ON-THE-JOB TRAINING
859	97800	MISC TRANSPORTATION WORKERS	18,580	21,580	3,000	16.1	2,880		
861	97805	SERVICE STATION ATTENDANTS	2,360	2,240	-120	-5.1	720	11	SHORT-TERM ON-THE-JOB TRAINING
862	97808	PARKING LOT ATTENDANTS	7,700	8,920	1,220	15.8	1,010	11	SHORT-TERM ON-THE-JOB TRAINING
863	97899	TRANS AND RELATED WORKERS, NEC	8,520	10,420	1,900	22.3	1,150	10	MODERATE-TERM ON-THE-JOB TRAINING

Table 6
Occupational Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
864	97900	MATERIAL MOVEMENT EQUIP OPERATORS	31,320	35,490	4,170	13.3	3,700		
865	97902	LONGSHORE EQUIPMENT OPERATORS	210	340	130	61.9	30	10	MODERATE-TERM ON-THE-JOB TRAINING
866	97905	TANK CAR AND TRUCK LOADERS	150	160	10	6.7	30	10	MODERATE-TERM ON-THE-JOB TRAINING
868	97911	WELL HEAD PUMPERS	120	100	-20	-16.7	20	10	MODERATE-TERM ON-THE-JOB TRAINING
872	97923	EXCAVATING, LOADING MACHINE OPS	480	620	140	29.2	70	10	MODERATE-TERM ON-THE-JOB TRAINING
877	97938	GRADER, DOZER, SCRAPER OPERATORS	490	610	120	24.5	30	10	MODERATE-TERM ON-THE-JOB TRAINING
878	97941	HOIST AND WINCH OPERATORS	520	640	120	23.1	70	10	MODERATE-TERM ON-THE-JOB TRAINING
879	97944	CRANE AND TOWER OPERATORS	800	1,110	310	38.8	150	10	MODERATE-TERM ON-THE-JOB TRAINING
880	97947	INDUSTRIAL TRUCK,TRACTOR OPERATORS	17,460	19,100	1,640	9.4	1,480	11	SHORT-TERM ON-THE-JOB TRAINING
881	97951	CONVEYOR OPERATORS AND TENDERS	1,180	1,260	80	6.8	200	10	MODERATE-TERM ON-THE-JOB TRAINING
883	97956	OPERATING ENGINEERS	2,870	3,450	580	20.2	390	10	MODERATE-TERM ON-THE-JOB TRAINING
884	97989	MATERIAL MOVING EQUIP OPS, NEC	5,470	6,380	910	16.6	960	10	MODERATE-TERM ON-THE-JOB TRAINING
885	97999	TRANS, MAT MOVING EQUIP OPS, NEC	1,570	1,720	150	9.6	270	10	MODERATE-TERM ON-THE-JOB TRAINING
886	98000	HELPERS, LABORERS, HAND--EX AG	199,420	223,140	23,720	11.9	49,710		
887	98100	MECHANIC AND REPAIRER HELPERS	8,350	10,010	1,660	19.9	2,950		
888	98102	MECHANIC AND REPAIRER HELPERS, NEC	8,350	10,010	1,660	19.9	2,950	11	SHORT-TERM ON-THE-JOB TRAINING
889	98300	CONST TRADES, EXTRACTIVE--HELPERS	15,830	19,850	4,020	25.4	5,650		
890	98311	HELPERS--BRICK,STONE MASONS	1,030	1,270	240	23.3	380	11	SHORT-TERM ON-THE-JOB TRAINING
891	98312	HELPERS--CARPENTERS AND RELATED	3,380	4,490	1,110	32.8	1,290	11	SHORT-TERM ON-THE-JOB TRAINING
892	98313	HELPERS--ELECT, POWERLINE INSTALL	1,330	1,400	70	5.3	450	11	SHORT-TERM ON-THE-JOB TRAINING
893	98314	HELPERS--PAINTERS AND RELATED	1,590	1,980	390	24.5	590	11	SHORT-TERM ON-THE-JOB TRAINING
894	98315	HELPERS--PLUMBERS AND RELATED	2,060	2,500	440	21.4	750	11	SHORT-TERM ON-THE-JOB TRAINING
895	98316	HELPERS--ROOFERS	1,160	1,500	340	29.3	440	11	SHORT-TERM ON-THE-JOB TRAINING
896	98319	HELPERS--CONSTRUCTION TRADES, NEC	4,180	5,440	1,260	30.1	1,560	11	SHORT-TERM ON-THE-JOB TRAINING
897	98323	HELPERS--EXTRACTIVE WORKERS	540	670	130	24.1	190	11	SHORT-TERM ON-THE-JOB TRAINING
898	98399	HELPERS-CONST TRDS & EXTRCT WRKRS	560	600	40	7.1	0	11	SHORT-TERM ON-THE-JOB TRAINING

Table 6
Occupational Employment Projections (1)
1999 - 2006
LOS ANGELES COUNTY

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999 (2)	2006					
899	98500	MACHINE FEEDERS AND OFFBEARERS	5,960	6,240	280	4.7	1,300		
900	98502	MACHINE FEEDERS AND OFFBEARERS, NEC	5,960	6,240	280	4.7	1,300	11	SHORT-TERM ON-THE-JOB TRAINING
901	98700	FREIGHT, STOCK, MAT MOVERS, HAND	32,660	36,880	4,220	12.9	9,520		
902	98702	STEVEDORES--EX EQUIPMENT OPERATORS	4,430	6,450	2,020	45.6	1,550	11	SHORT-TERM ON-THE-JOB TRAINING
903	98705	REFUSE COLLECTORS	3,520	3,500	-20	-0.6	1,000	11	SHORT-TERM ON-THE-JOB TRAINING
904	98799	FREIGHT, MATERIAL MOVERS-HAND, NEC	24,710	26,930	2,220	9.0	6,970	11	SHORT-TERM ON-THE-JOB TRAINING
905	98900	MISC HELPERS, LABORERS--HAND	136,620	150,160	13,540	9.9	30,290		
906	98902	HAND PACKERS AND PACKAGERS	32,060	36,080	4,020	12.5	5,910	11	SHORT-TERM ON-THE-JOB TRAINING
907	98905	VEHICLE WASHERS, EQUIP CLEANERS	10,570	11,210	640	6.1	2,400	11	SHORT-TERM ON-THE-JOB TRAINING
908	98999	MISC HELPERS, LABORERS--HAND, NEC	93,990	102,870	8,880	9.4	21,980	11	SHORT-TERM ON-THE-JOB TRAINING
909		OCCUPATIONS NOT CLASSIFIED	40	50	10	25.0	0	12	NOT CLASSIFIED

(1) Employment and projections contained in these tables are considered estimates. See introduction for an explanation of data limitations.

(2) March 2000 Benchmark

Table 7
Occupations With The Most Openings (1)
(Growth plus Separations)
1999 - 2006
LOS ANGELES COUNTY

CA OES CODE	OCCUPATION	NUMBER OF JOB OPENINGS	BLS TRAINING LEVEL	EDUCATION / EXPERIENCE
49011	SALESPERSONS, RETAIL	44,480	11	SHORT-TERM ON-THE-JOB TRAINING
49023	CASHIERS	39,930	11	SHORT-TERM ON-THE-JOB TRAINING
55347	GENERAL OFFICE CLERKS	34,180	11	SHORT-TERM ON-THE-JOB TRAINING
19005	GENERAL MANAGERS, TOP EXECUTIVE	27,500	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
65008	WAITERS AND WAITRESSES	26,170	11	SHORT-TERM ON-THE-JOB TRAINING
63047	GUARDS AND WATCH GUARDS	25,200	11	SHORT-TERM ON-THE-JOB TRAINING
65041	COMBINED FOOD PREP AND SERVICE	24,990	11	SHORT-TERM ON-THE-JOB TRAINING
65038	FOOD PREPARATION WORKERS	19,310	11	SHORT-TERM ON-THE-JOB TRAINING
67005	JANITORS, CLEANERS--EXCEPT MAID	18,770	11	SHORT-TERM ON-THE-JOB TRAINING
31308	TEACHERS--SECONDARY SCHOOL	18,470	5	BACHELOR'S DEGREE
31305	TEACHERS--ELEMENTARY SCHOOL	18,160	5	BACHELOR'S DEGREE
55305	RECEPTIONISTS, INFORMATION CLERKS	13,560	11	SHORT-TERM ON-THE-JOB TRAINING
31521	TEACHER AIDES, PARAPROFESSIONAL	12,690	6	ASSOCIATE DEGREE
97105	TRUCK DRIVERS, LIGHT	12,000	11	SHORT-TERM ON-THE-JOB TRAINING
79041	LABORERS, LANDSCAPING/GROUNDSKEEPING	11,580	11	SHORT-TERM ON-THE-JOB TRAINING
32502	REGISTERED NURSES	11,380	6	ASSOCIATE DEGREE
55108	SECRETARIES, GENERAL	10,360	7	POST-SECONDARY VOCATIONAL EDUCATION
34056	PRODUCERS, DIRECTORS, ACTORS	10,220	9	LONG-TERM ON-THE-JOB TRAINING
98902	HAND PACKERS AND PACKAGERS	9,930	11	SHORT-TERM ON-THE-JOB TRAINING
87102	CARPENTERS	9,390	9	LONG-TERM ON-THE-JOB TRAINING
49008	SALES REPS, NON-SCIENTIFIC EX RETAIL	8,790	10	MODERATE-TERM ON-THE-JOB TRAINING
49026	TELEMARKETERS, SOLICITORS & RELATED	8,610	11	SHORT-TERM ON-THE-JOB TRAINING
97102	TRUCK DRIVERS, HEAVY	8,550	11	SHORT-TERM ON-THE-JOB TRAINING
85132	MAINT REPAIRERS, GENL UTILITY	8,520	9	LONG-TERM ON-THE-JOB TRAINING
93956	ASSEMB, FABRICATORS--EX MACH,EL	8,080	11	SHORT-TERM ON-THE-JOB TRAINING

Table 7
Occupations With The Most Openings (1)
(Growth plus Separations)
1999 - 2006
LOS ANGELES COUNTY

CA OES CODE	OCCUPATION	NUMBER OF JOB OPENINGS	BLS TRAINING LEVEL	EDUCATION / EXPERIENCE
58023	STOCK CLERKS--STOCKROOM, WAREHOUSE	7,880	11	SHORT-TERM ON-THE-JOB TRAINING
25102	SYSTEMS ANALYSTS--ELEC DATA PROCESSING	7,860	5	BACHELOR'S DEGREE
55338	BOOKKEEPING, ACCOUNTING CLERKS	7,690	10	MODERATE-TERM ON-THE-JOB TRAINING
65026	COOKS--RESTAURANT	7,250	9	LONG-TERM ON-THE-JOB TRAINING
92974	PACKAGING, FILLING MACH OPS, TENDERS	7,200	10	MODERATE-TERM ON-THE-JOB TRAINING
25104	COMPUTER SUPPORT SPECIALISTS	6,810	5	BACHELOR'S DEGREE
58028	TRAFFIC, SHIPPING, RECEIVING CLERKS	6,760	11	SHORT-TERM ON-THE-JOB TRAINING
49034	DEMONSTRATORS AND PROMOTERS	6,260	10	MODERATE-TERM ON-THE-JOB TRAINING
49017	COUNTER AND RENTAL CLERKS	6,000	11	SHORT-TERM ON-THE-JOB TRAINING
53905	TEACHER AIDES & EDUC ASSTS, CLERICAL	6,000	11	SHORT-TERM ON-THE-JOB TRAINING
21114	ACCOUNTANTS AND AUDITORS	5,860	5	BACHELOR'S DEGREE
63014	POLICE PATROL OFFICERS	5,530	9	LONG-TERM ON-THE-JOB TRAINING
67002	MAIDS AND HOUSEKEEPING CLEANERS	5,520	11	SHORT-TERM ON-THE-JOB TRAINING
85302	AUTOMOTIVE MECHANICS	5,380	9	LONG-TERM ON-THE-JOB TRAINING
43017	SALES AGENTS--SEL BUS SERVICES	5,220	10	MODERATE-TERM ON-THE-JOB TRAINING
31311	TEACHERS--SPECIAL EDUCATION	5,120	5	BACHELOR'S DEGREE
65032	COOKS--SPECIALTY FAST FOOD	5,100	11	SHORT-TERM ON-THE-JOB TRAINING
49021	STOCK CLERKS--SALES FLOOR	5,030	11	SHORT-TERM ON-THE-JOB TRAINING
66008	NURSE AIDES, ORDERLIES, ATTENDANTS	4,920	11	SHORT-TERM ON-THE-JOB TRAINING
25105	COMPUTER PROGRAMMERS	4,910	5	BACHELOR'S DEGREE
81008	FIRST-LINE SUP/MGR-PRODUCTION	4,810	8	WORK EXPERIENCE
13011	MKTING, ADV, PUB-REL MANAGERS	4,690	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
13002	FINANCIAL MANAGERS	4,520	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
53508	BILL AND ACCOUNT COLLECTORS	4,520	11	SHORT-TERM ON-THE-JOB TRAINING
66005	MEDICAL ASSISTANTS	4,360	10	MODERATE-TERM ON-THE-JOB TRAINING
TOTAL OF THESE OCCUPATIONS		586,020		

(1) Excludes not elsewhere classified (NEC) categories.

Table 8
Occupations With Projected Declines (1)
1999 - 2006
LOS ANGELES COUNTY

CA OES CODE	OCCUPATION	ANNUAL AVERAGES		NUMBER OF JOB DECLINES	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION / EXPERIENCE
		1999(2)	2006				
92717	SEWING MACHINE OPERATORS--GARMENT	52,020	49,340	-2,680	4,790	10	MODERATE-TERM ON-THE-JOB TRAINING
55307	TYPISTS, INCLUDING WORD PROCESSING	17,000	14,620	-2,380	2,170	10	MODERATE-TERM ON-THE-JOB TRAINING
53102	TELLERS	16,430	15,660	-770	4,910	11	SHORT-TERM ON-THE-JOB TRAINING
56011	COMPUTER OPS--EX PERIPHERAL EQUIPMENT	5,550	4,780	-770	500	10	MODERATE-TERM ON-THE-JOB TRAINING
83002	INSPECTORS, TESTERS, & GRADERS, PRECISION	6,880	6,400	-480	950	8	WORK EXPERIENCE
57102	SWITCHBOARD OPERATORS	6,220	5,820	-400	920	11	SHORT-TERM ON-THE-JOB TRAINING
65023	BUTCHERS AND MEAT CUTTERS	5,410	5,010	-400	870	9	LONG-TERM ON-THE-JOB TRAINING
93102	AIRCRAFT ASSEMBLERS--PRECISION	2,820	2,440	-380	450	8	WORK EXPERIENCE
22102	AERONAUT, ASTRONAUTICAL ENGINEERS	5,110	4,790	-320	560	5	BACHELOR'S DEGREE
91117	MACH TOOL CUTTING OPS--METAL, PLASTIC	2,580	2,260	-320	430	10	MODERATE-TERM ON-THE-JOB TRAINING
55105	SECRETARIES, MEDICAL	5,490	5,240	-250	600	7	POST-SECONDARY VOCATIONAL EDUCATION
91105	LATHE MACH SETTERS--METAL, PLASTIC	2,750	2,510	-240	410	10	MODERATE-TERM ON-THE-JOB TRAINING
56014	PERIPHERAL EDP EQUIPMENT OPERATORS	850	620	-230	70	10	MODERATE-TERM ON-THE-JOB TRAINING
56002	BILLING, POSTING, CALC MACHINE	4,010	3,800	-210	540	11	SHORT-TERM ON-THE-JOB TRAINING
92728	PRESSING MACH OPS--TEXTILE, GARMENT	4,580	4,370	-210	520	10	MODERATE-TERM ON-THE-JOB TRAINING
92908	PHOTOGRAPHIC PROC MACH OPS, TENDER	3,010	2,840	-170	820	11	SHORT-TERM ON-THE-JOB TRAINING
91108	DRILLING MACH SETTER--METAL, PLASTIC	1,310	1,150	-160	190	10	MODERATE-TERM ON-THE-JOB TRAINING
93921	PRESSERS--HAND	1,390	1,240	-150	250	11	SHORT-TERM ON-THE-JOB TRAINING
55326	PROCUREMENT CLERKS	1,670	1,530	-140	170	11	SHORT-TERM ON-THE-JOB TRAINING
89717	STRIPPERS	830	690	-140	90	9	LONG-TERM ON-THE-JOB TRAINING
92541	TYPESETTING, COMPOSING MACH OPS	390	250	-140	40	10	MODERATE-TERM ON-THE-JOB TRAINING
28302	LAW CLERKS	1,590	1,460	-130	120	6	ASSOCIATE DEGREE
97805	SERVICE STATION ATTENDANTS	2,360	2,240	-120	720	11	SHORT-TERM ON-THE-JOB TRAINING
53911	PROOFREADERS AND COPY MARKERS	1,300	1,180	-120	270	11	SHORT-TERM ON-THE-JOB TRAINING
53126	STATEMENT CLERKS	650	530	-120	50	11	SHORT-TERM ON-THE-JOB TRAINING

Table 8
Occupations With Projected Declines (1)
1999 - 2006
LOS ANGELES COUNTY

CA OES CODE	OCCUPATION	ANNUAL AVERAGES		NUMBER OF JOB DECLINES	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION / EXPERIENCE
		1999(2)	2006				
85726	STATION INSTALLERS--TELEPHONE	1,100	990	-110	240	7	POST-SECONDARY VOCATIONAL EDUCATION
91114	GRINDING MACH SETTER--METAL, PLASTIC	2,370	2,270	-100	440	10	MODERATE-TERM ON-THE-JOB TRAINING
58021	MARKING CLERKS	1,160	1,060	-100	200	11	SHORT-TERM ON-THE-JOB TRAINING
53502	WELFARE ELIG WORKERS, INTERVIEW	1,240	1,140	-100	180	10	MODERATE-TERM ON-THE-JOB TRAINING
92956	CEMENTING, GLUING MACH OPS, TENDERS	940	850	-90	150	10	MODERATE-TERM ON-THE-JOB TRAINING
85708	ELECT HOME ENTERTAINMENT REPAIR	810	730	-80	150	7	POST-SECONDARY VOCATIONAL EDUCATION
91905	PLASTIC MOLDING, CASTING MACH OPS	3,240	3,170	-70	560	10	MODERATE-TERM ON-THE-JOB TRAINING
92914	PAPER GOODS MACH SETTERS, SET-UP	860	790	-70	120	10	MODERATE-TERM ON-THE-JOB TRAINING
87921	ROUSTABOUTS	320	250	-70	50	11	SHORT-TERM ON-THE-JOB TRAINING
56021	DATA KEYERS--COMPOSING	580	510	-70	30	7	POST-SECONDARY VOCATIONAL EDUCATION
89706	PASTE UP WORKERS	220	150	-70	20	9	LONG-TERM ON-THE-JOB TRAINING
55341	PAYROLL AND TIMEKEEPING CLERKS	5,720	5,660	-60	790	11	SHORT-TERM ON-THE-JOB TRAINING
22511	MECHANICAL ENGINEERING TECHS	3,700	3,640	-60	520	6	ASSOCIATE DEGREE
57105	DIRECTORY ASSISTANCE OPERATORS	620	560	-60	90	10	MODERATE-TERM ON-THE-JOB TRAINING
89921	DENTAL LAB TECHNICIANS, PRECISION	700	640	-60	90	9	LONG-TERM ON-THE-JOB TRAINING
32926	ELECTROCARDIOGRAPH TECHNICIANS	360	300	-60	60	10	MODERATE-TERM ON-THE-JOB TRAINING
53108	TRANSIT CLERKS	290	230	-60	60	11	SHORT-TERM ON-THE-JOB TRAINING
92512	OFFSET LITHOGRAPHIC PRESS SETTERS	1,590	1,540	-50	240	10	MODERATE-TERM ON-THE-JOB TRAINING
91932	HEAT TREATING MACH OPS, TENDERS	790	740	-50	130	10	MODERATE-TERM ON-THE-JOB TRAINING
85714	ELECT MOTOR, AND RELATED REPAIR	580	530	-50	100	7	POST-SECONDARY VOCATIONAL EDUCATION
53114	CREDIT AUTHORIZERS	590	540	-50	50	11	SHORT-TERM ON-THE-JOB TRAINING
53111	LOAN INTERVIEWERS	390	340	-50	30	11	SHORT-TERM ON-THE-JOB TRAINING
92917	COOKING MACH OPS, TNDERS-FOOD, TOB	630	590	-40	60	10	MODERATE-TERM ON-THE-JOB TRAINING
24511	PETROLEUM TECHNICIANS	190	150	-40	30	6	ASSOCIATE DEGREE
89713	CAMERA OPERATORS	220	180	-40	20	9	LONG-TERM ON-THE-JOB TRAINING
TOTAL OF THESE OCCUPATIONS		181,410	168,320	-13,090	25,820		

(1) Excludes not elsewhere classified (NEC) categories.

(2) March 2000 Benchmark

Appendix

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
ABLE SEAMEN	854	97514
ACCOUNTANTS AND AUDITORS	30	21114
ACCOUNTANTS, AUDIT, FINANCE SPECIALISTS	25	21100
ACTUARIES	114	25313
ADJUDICATORS, JUDICIAL REVIEWERS	137	28105
ADJUSTMENT CLERKS	309	53123
ADMINISTRATIVE SERVICES MANAGERS	7	13014
ADVERTISING CLERKS	333	53908
AERONAUT, ASTRONAUTICAL ENGINEERS	53	22102
AGRICULTURE, FORESTRY, FISHING--NEC	489	79999
AGRICULTURAL SCIENCES TEACHERS, POSTSECONDARY	150	31201
AGRICULTURAL AND FOOD SCIENTISTS	91	24305
AGRICULTURAL ENGINEERS	60	22123
AGRICULTURAL, FORESTRY, FISHING	466	70000
AIR DISPATCHERS, AIR TRAFFIC CONTROLLER	267	39002
AIR HAMMER OPERATORS	596	87702
AIR TRANSPORTATION WORKERS	857	97700
AIRCRAFT ASSEMBLERS--PRECISION	791	93102
AIRCRAFT ENGINE SPECIALISTS	525	85326
AIRCRAFT MECHANICS	524	85323
AIRCRAFT PILOTS, FLIGHT ENGINEERS	858	97702
AMBULANCE DRIVERS & ATTENDANTS, EX EMER MED TECHS	440	66023
AMUSEMENT, RECREATION ATTENDANTS	454	68014
ANIMAL BREEDERS	479	79015
ANIMAL CARETAKERS--EXCEPT FARM	481	79017
ANIMAL TRAINERS	480	79016
ANNOUNCERS--EX RADIO, TELEVISION	252	34021
ANNOUNCERS--RADIO AND TELEVISION	251	34017
ANTHRO & SOCIOLOGY TEACHERS, POSTSECONDARY	166	31231
APPRAISERS--REAL ESTATE	279	43011
ARCHITECTS AND SURVEYORS	68	22300
ARCHITECTS--EX LANDSCAPE, MARINE	69	22302
ARCHITECTURE TEACHERS, POSTSECONDARY	162	31223
AREA, ETHNIC, & CULT STUDIES TEACHERS, POSTSECONDARY	167	31232
ART, DRAMA, MUSIC TEACHERS, POSTSECONDARY	160	31218
ARTISTS AND RELATED WORKERS	257	34035
ASSEMB, FABRICATORS--EX MACH, ELECT, PRECISION	817	93956
ASSEMBLERS AND FABRICATORS--HAND WORKING	789	93000
ASSEMBLERS, NEC--PRECISION	797	93197
ASSEMBLERS, PRECISION	790	93100
ASSESSORS	48	21917
ATHLETES, COACHES, UMPIRERS, RELATED	265	34058
ATMOSPHERIC AND SPACE SCIENTISTS	86	24108
AUDIO-VISUAL SPECIALISTS	198	31508
AUTOMOTIVE BODY, RELATED REPAIRERS	518	85305
AUTOMOTIVE MECHANICS	517	85302
AUXILIARY EQUIPMENT OPERATORS--POWER	827	95023
BAGGAGE PORTERS AND BELLHOPS	457	68023
BAILIFFS	406	63023
BAKERS--BREAD AND PASTRY	423	65021

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
BAKERS--MANUFACTURING	672	89805
BANKING, SECURITY, FINANCE, CREDIT	301	53100
BARBERS	450	68002
BARTENDERS	418	65005
BICYCLE REPAIRERS	563	85951
BILL AND ACCOUNT COLLECTORS	321	53508
BILLING, COST, AND RATE CLERKS	355	55344
BILLING, POSTING, CALCULATING MACHINE OPERATORS	358	56002
BINDERY MACH SETTERS, SET-UP OPERATORS	743	92525
BINDERY MACHINE OPERATORS	748	92546
BIOLOGICAL SCIENTISTS	92	24308
BIOLOGICAL, AGRICULTURAL &, FOOD TECHS EX HEALTH	96	24502
BLASTERS AND EXPLOSIVES WORKERS	612	87905
BOILER OPS, TENDERS--LOW PRESSURE	770	92926
BOILERMAKERS	638	89135
BOOKBINDERS	668	89721
BOOKKEEPING, ACCOUNTING CLERKS	353	55338
BRATTICE BUILDERS	574	87121
BRICK MASONS	578	87302
BRIDGE, LOCK, LIGHTHOUSE TENDERS	860	97802
BROADCAST NEWS ANALYSTS	250	34014
BROADCAST TECHNICIANS	255	34028
BROKERAGE CLERKS	311	53128
BROKERS--REAL ESTATE	277	43005
BUDGET ANALYSTS	31	21117
BUS AND TRUCK MECHANICS	520	85311
BUS DRIVERS	836	97108
BUS DRIVERS--SCHOOL	837	97111
BUSINESS TEACHERS, POSTSECONDARY	174	31242
BUTCHERS AND MEAT CUTTERS	424	65023
CABINETMAKERS AND BENCH CARPENTERS	644	89311
CAMERA OPERATORS	663	89713
CAMERA OPS--TV AND MOTION PICTURE	254	34026
CAMERA, PHOTOGRAPHIC EQUIPMENT REPAIRERS	552	85914
CANNERY WORKERS	810	93935
CAPTAINS--WATER VESSEL	850	97502
CARDIOLOGY TECHNOLOGISTS	239	32925
CARPENTERS	569	87102
CARPENTERS AND RELATED WORKERS	568	87100
CARPET CUTTERS, DIAGRAMMERS, SEAMERS	809	93932
CARPET INSTALLERS	592	87602
CARPET, FLOOR INSTALLERS	591	87600
CASHIERS	293	49023
CEILING TILE INSTALLERS	570	87105
CEMENTING, GLUING MACHINE OPERATORS, TENDERS	780	92956
CENTRAL OFFICE AND PBX INSTALLERS	529	85502
CENTRAL OFFICE OPERATORS	370	57108
CHEMICAL TECHNICIANS & TECHNOLOGISTS--EX HEALTH	97	24505
CHEMICAL ENGINEERS	57	22114
CHEMICAL EQUIPMENT CONTROLLERS, OPERATORS	773	92935

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
CHEMICAL EQUIPMENT TENDERS	774	92938
CHEMICAL PLANT, SYSTEM OPERATORS	822	95008
CHEMISTRY TEACHERS, POSTSECONDARY	152	31204
CHEMISTS, EXCEPT BIOCHEMISTS	85	24105
CHILD CARE WORKERS	462	68038
CHIROPRACTORS	209	32113
CHOKE SETTERS	471	73005
CIVIL ENGINEERING TECHNICIANS	74	22502
CIVIL ENGINEERS--INCLUDING TRAFFIC	59	22121
CLAIMS EXAMINERS--INSURANCE	49	21921
CLAIMS TAKERS--UNEMPLOYMENT BENEFITS	38	21502
CLEANING, BUILDING SERVICE--EX PRIVATE HOUSES	443	67000
CLEANING, BUILDING SERVICE--EX PRIVATE HOUSES, NEC	448	67099
CLEANING, PICKLING EQUIPMENT OPERATORS, TENDERS	781	92958
CLERGY	131	27502
CLERICAL & ADMINISTRATIVE SUPPORT WORKERS, NEC	391	59999
CLERICAL, ADMINISTRATIVE SUPPORT, NEC	390	59000
CLERICAL, ADMINISTRATIVE SUPPORT	298	50000
COIL WINDERS, TAPERS, FINISHERS	801	93908
COIN, VENDING MACHINE SERVICERS	562	85947
COMB MACHINE TOOL OPERATORS--METAL, PLASTIC	705	91508
COMB MACHINE TOOL SETTERS--METAL, PLASTIC	704	91505
COMBINED FOOD PREPARATION AND SERVICE	430	65041
COMM EQUIPMENT MECHANICS, INSTALLERS, & REPAIRERS	528	85500
COMM EQUIPMENT MECHANICS, INSTALLERS, & REPAIR, NEC	534	85599
COMM, TRANSPORTATION, UTILITIES OPERATIONS MGRS	16	15023
COMMUNICATION EQUIPMENT OPERATORS, NEC	372	57199
COMMUNICATION EQUIPMENT OPERATORS	367	57100
COMMUNICATIONS TEACHERS, POSTSECONDARY	157	31213
COMMUNICATIONS, MAIL DISTRIBUTION	366	57000
COMPLIANCE OFFICERS, ENFORCE INSPECT--EX CONSTRUCTION	46	21911
COMPUTER ENGINEERS	62	22127
COMPUTER OPERATORS--EX PERIPHERAL EQUIPMENT	361	56011
COMPUTER PROGRAMMER AIDES	107	25108
COMPUTER PROGRAMMERS	106	25105
COMPUTER SCIENCE TEACHERS, POSTSECONDARY	164	31226
COMPUTER SCIENTISTS AND RELATED	102	25100
COMPUTER SCIENTISTS, RELATED WORKERS, NEC	109	25199
COMPUTER SUPPORT SPECIALISTS	105	25104
COMPUTER, MATHEMATICAL, OPS RESEARCH, & RELATED	101	25000
CONCRETE AND TERRAZZO FINISHERS	581	87311
CONSTRUCTION AND BUILDING INSPECTORS	45	21908
CONSTRUCTION TRADES, EXTRACTIVE--HELPERS	889	98300
CONSTRUCTION, EXTRACTIVE--EX HELPERS, NEC	624	87999
CONSTRUCTION MANAGERS	14	15017
CONSTRUCTION TRADES	567	87000
CONSTRUCTION TRADES WORKERS, NEC	609	87899
CONSTRUCTION TRADES, NEC	601	87800
CONTINUOUS MINING MACHINE OPERATOR	620	87941
CONVEYOR OPERATORS AND TENDERS	881	97951

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
COOKING MACHINE OPS,TENDERS-FOOD,TOBACCO	767	92917
COOKS--INSTITUTION OR CAFETERIA	426	65028
COOKS--RESTAURANT	425	65026
COOKS--SHORT ORDER	428	65035
COOKS--SPECIALTY FAST FOOD	427	65032
COOLING, FREEZING EQUIPMENT OPERATORS, TENDERS	771	92928
CORRECTION OFFICERS, JAILERS	404	63017
CORRECTIVE, MANUAL ARTS THERAPISTS	216	32311
CORRESPONDENCE CLERKS	346	55317
COST ESTIMATORS	43	21902
COUNTER AND RENTAL CLERKS	291	49017
COUNTER ATTENDANTS--FOOD	422	65017
COURT CLERKS	323	53702
CRANE AND TOWER OPERATORS	879	97944
CREDIT ANALYSTS	27	21105
CREDIT AUTHORIZERS	306	53114
CREDIT CHECKERS	307	53117
CRIMINAL INVESTIGATORS, FEDERAL	408	63028
CRIMINAL JUSTICE & LAW ENFORCEMENT TEACHERS,	176	31246
CROSSING GUARDS	413	63044
CRUSHING, MIXING MACHINE OPERATORS, TENDERS	783	92965
CURATORS, ARCHIVISTS, AND RELATED	199	31511
CUSTOM TAILORS AND SEWERS	649	89505
CUSTOMER SERVICE REPRESENTATIVES--UTILITIES	352	55335
CUTTING, FORMING, FABRICATING, PROCESS MACH SETTER	728	92197
CUTTING, FORMING, FABRICATING, PROCESS MACH OPS	729	92198
CUTTING & SLICING MACHINE SETTERS & SET-UP OPS	775	92941
CUTTERS AND TRIMMERS--HAND	807	93926
CUTTING & SLICING MACHINE OPERATORS & TENDERS	776	92944
DAIRY PROCESSING EQUIPMENT OPERATORS--INC SETTERS	772	92932
DANCERS AND CHOREOGRAPHERS	263	34053
DATA BASE ADMINISTRATORS	104	25103
DATA ENTRY KEYERS--EX COMPOSING	363	56017
DATA KEYERS--COMPOSING	364	56021
DATA PROCESSING EQUIPMENT REPAIRERS	537	85705
DEMONSTRATORS AND PROMOTERS	295	49034
DENTAL ASSISTANTS	433	66002
DENTAL HYGIENISTS	233	32908
DENTAL LABORATORY TECHNICIANS, PRECISION	682	89921
DENTISTS	206	32105
DERRICK OPERATORS--OIL, GAS EXTRACTION	615	87914
DESIGNERS, EX INTERIOR DESIGNERS	258	34038
DETAIL DESIGN DECORATORS, PAINTERS	679	89911
DETECTIVES, INVESTIGATORS--EX PUBLIC	410	63035
DIETETIC TECHNICIANS	229	32523
DIETITIANS AND NUTRITIONISTS	228	32521
DINING ROOM ATTENDANTS, BAR HELPERS	421	65014
DIRECTORS--RELIGIOUS ACTIVITIES, EDUC	132	27505
DIRECTORY ASSISTANCE OPERATORS	369	57105
DISPATCH--EX POLICE, FIRE, AMBULANCE	380	58005

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
DISPATCH--POLICE, FIRE, AMBULANCE	379	58002
DRAFTERS	78	22514
DRAGLINE OPERATORS	873	97926
DREDGE OPERATORS, DIPPER TENDERS	874	97928
DRILLING MACHINE SETTER--METAL, PLASTIC	690	91108
DRIVER/SALES WORKERS	839	97117
DRYWALL INSTALLERS	571	87108
DUPLICATING MACHINE OPERATORS	359	56005
DYERS, PRECISION	654	89521
EARTH DRILLERS, EXCEPT OIL AND GAS	611	87902
ECONOMICS TEACHERS, POSTSECONDARY	168	31233
ECONOMISTS--INCL MARKET RESEARCH ANALYST	120	27102
EDP AND OFFICE MACHINE OCCUPATIONS	357	56000
EDUCATION ADMINISTRATORS	10	15005
EDUCATION TEACHERS, POSTSECONDARY	178	31252
ELECTRICAL INSTALLERS--TRANSPORTATION EQUIPMENT	545	85728
ELECTRICAL AND ELECTRONIC ENGINEERS	61	22126
ELECTRICAL EQUIPMENT MECHANICS, NEC	546	85799
ELECTRIC HOME APPLIANCE & POWER TOOL REPAIRERS	539	85711
ELECTRONIC HOME ENTERTAINMENT EQUIP REPAIRERS	538	85708
ELECTRIC METER INSTALLERS, REPAIRERS	551	85911
ELECTRIC MOTOR, AND RELATED REPAIRERS	540	85714
ELECTRICAL POWERLINE INSTALLERS	543	85723
ELECTRONICS REPAIRERS--COMMERCIAL & INDUSTRIAL	541	85717
ELECTRICAL & ELECTRONIC ENGINEERING TECHS & TECHNOS	75	22505
ELECTRICAL EQUIPMENT ASSEMBLERS--PRECISION	795	93114
ELECTRICAL, ELECTRONIC ASSEMBLERS	800	93905
ELECTRICIANS	576	87202
ELECTRICIANS AND RELATED WORKERS	575	87200
ELECTROCARDIOGRAPH TECHNICIANS	240	32926
ELECTROLYTIC PLATING, MACHINE OPERATORS	719	91921
ELECTROLYTIC PLATING, MACHINE SETTER	718	91917
ELECTROMECHANICAL EQUIPMENT ASSEMBLERS--PRECISION	794	93111
ELECTROMEDICAL, BIOMEDICAL EQUIPMENT REPAIRER	550	85908
ELECTRONEURODIAGNOSTIC TECHNOLOGISTS	238	32923
ELECTRONIC PAGINATION SYSTEM WORKERS	660	89707
ELECTRONIC SEMICONDUCTOR PROCESSOR	762	92902
ELEVATOR INSTALLERS AND REPAIRERS	558	85932
ELEVATOR OPERATORS	447	67011
EMBALMERS	271	39014
EMERGENCY MEDICAL TECHNICIANS	223	32508
EMPLOYMENT INTERVIEWERS--PRIVATE OR PUBLIC	40	21508
ENGINEER, MATH, AND NATURAL SCIENCE MANAGERS	8	13017
ENGINEERING TEACHERS, POSTSECONDARY	161	31222
ENGINEERING, RELATED TECHNICIANS	73	22500
ENGINEERING, RELATED TECHS & TECHNOS, NEC	81	22599
ENGINEERS	52	22100
ENGINEERS, ARCHITECTS, SURVEYORS	51	22000
ENGINEERS, NEC	67	22199
ENGLISH LANG & LIT TEACHERS, POSTSECONDARY	158	31214

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
ENGRAVING, PRINTING WORKERS--HAND	815	93951
ESTIMATORS, DRAFTERS--UTILITIES	79	22517
ETCHERS, ENGRAVERS--PRECISION	636	89128
EXCAVATING, LOADING MACHINE OPERATORS	872	97923
EXTRACTIVE AND RELATED WORKERS	610	87900
EXTRACTIVE WORKERS--EX HELPERS, NEC	623	87989
EXTRUDING MACHINE OPS, TENDERS--SYNTHETIC/GLASS	753	92708
EXTRUDING MACHINE SETTERS--METAL, PLASTIC	698	91311
EXTRUDING, FORMING MACHINE OPERATORS, TENDERS	785	92971
EXTRUDING, FORMING, SETTERS & SET-UP OPERATORS	784	92968
FALLERS AND BUCKERS	470	73002
FARM AND HOME MANAGEMENT ADVISORS	193	31323
FARM EQUIPMENT MECHANICS	523	85321
FARM EQUIPMENT OPERATORS	482	79021
FARMWORKERS-FARM/RANCH ANIMALS	488	79858
FARMWORKERS-FOOD, FIBER CROPS	487	79856
FENCE ERECTORS	608	87817
FILE CLERKS	347	55321
FILM EDITORS	256	34032
FINANCIAL ANALYSTS, STATISTICAL	115	25315
FINANCIAL MANAGERS	3	13002
FINANCIAL SPECIALISTS, NEC	32	21199
FIRE FIGHTERS	401	63008
FIRE FIGHTING & PREVENTION SUPERVISORS	394	61002
FIRE INSPECTORS	399	63002
FIRST-LINE SUP/MGR SERVICE WORKERS, NEC	397	61099
FIRST-LINE SUP/MGR, CLERICAL, ADMINISTRATIVE SUPPORT	299	51000
FIRST-LINE SUP/MGR--AGRICULTURAL, FORESTRY, FISHING	467	72000
FIRST-LINE SUP/MGR-BLUE COLLAR	491	81000
FIRST-LINE SUP/MGR-BLUE COLLAR NEC	497	81099
FIRST-LINE SUP/MGR-CONSTRUCTION	493	81005
FIRST-LINE SUP/MGR-HELP, LABORERS	496	81017
FIRST-LINE SUP/MGR-MECHANICS, INSTALLERS, REPAIRERS	492	81002
FIRST-LINE SUP/MGR-PRODUCTION	494	81008
FIRST-LINE SUP/MGR--SALES	274	41000
FIRST-LINE SUP/MGR--SERVICE	393	61000
FIRST-LINE SUP/MGR-TRANSPORTATION	495	81011
FIRST-LINE SUPERVISORS - AGRICULTURE	468	72002
FISH AND GAME WARDENS	412	63041
FITTERS, STRUCTURAL METAL--PRECISION	793	93108
FLIGHT ATTENDANTS	458	68026
FLOOR LAYERS--EX CARPET, WOOD, TILES	593	87605
FLOOR SANDING MACHINE OPERATORS	594	87608
FOOD AND TOBACCO WORKERS, NEC	674	89899
FOOD BATCHMAKERS	673	89808
FOOD PREPARATION WORKERS	429	65038
FOOD SERVERS--OUTSIDE	420	65011
FOOD SERVICE AND LODGING MANAGERS	17	15026
FOOD SERVICE WORKERS, NEC	431	65099
FOOD WORKERS, PRECISION	670	89800

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
FOOD, BEVERAGE PREPARATION AND SERVICE OCCS	416	65000
FOREIGN LANG & LITERATURE TEACHERS, POSTSECONDARY	159	31215
FOREST FIRE INSPECTORS, PREVENT SPECIALISTS	400	63005
FOREST, CONSERVATION WORKERS	476	79002
FORESTERS, CONSERVATION SCIENTISTS	90	24302
FORGING MACHINE SETTERS--METAL, PLASTIC	700	91317
FOUNDRY MOLD ASSEMBLY, SHAKEOUT	717	91914
FOUNDRY MOLD,CORE MAKERS,PRECISION	676	89902
FRAME WIRERS, CENTRAL OFFICE	530	85505
FREIGHT, MATERIAL MOVERS-HAND, NEC	904	98799
FREIGHT, STOCK, MATERIAL MOVERS, HAND	901	98700
FUNERAL ATTENDANTS	463	68041
FUNERAL DIRECTORS AND MORTICIANS	270	39011
FURNACE OPERATORS AND TENDERS	724	91935
FURNACE, KILN, KETTLE OPERATORS, TENDERS	769	92923
FURNITURE FINISHERS	645	89314
GAS APPLIANCE REPAIRERS	561	85944
GAS COMPRESSOR OPERATORS	871	97921
GAS PLANT OPERATORS	821	95005
GAS PUMPING STATION OPERATORS	870	97917
GAUGERS	825	95017
GEM AND DIAMOND WORKERS	684	89926
GENERAL MANAGERS, TOP EXECUTIVES	21	19005
GENERAL OFFICE CLERKS	356	55347
GEOGRAPHY TEACHERS, POSTSECONDARY	169	31234
GEOLOGIST, GEOPHYSICISTS, OCEANOGRAPHERS	87	24111
GLAZIERS	606	87811
GLAZIERS, MANUFACTURING	802	93911
GRADER, DOZER, SCRAPER OPERATORS	877	97938
GRADERS, SORTERS--AGRICULTURAL PRODUCTS	478	79011
GRADUATE ASSISTANTS, TEACHING	149	31117
GRINDING MACHINE SETTER--METAL,PLASTIC	692	91114
GRINDING, POLISHING WORKERS--HAND	816	93953
GUARDS AND WATCH GUARDS	414	63047
GUIDES	455	68017
HAIRDRESSERS, HAIRSTYLISTS	451	68005
HAND COMPOSITORS AND TYPESETTERS	657	89702
HAND PACKERS AND PACKAGERS	906	98902
HAND WORKERS, NEC	818	93999
HAND WORKERS--JEWELRY, PRECISION	635	89126
HARD TILE SETTERS	580	87308
HAZARDOUS MATERIALS REMOVAL WORKERS	603	87803
HEAD SAWYERS	732	92305
HEALTH ASSESSMENT & TREATMENT TEACHERS, POSTSEC	156	31212
HEALTH CARE MAINTENANCE, TREATING	220	32500
HEALTH CARE PROFESSIONALS, PARAPROFS, NEC	244	32999
HEALTH DIAGNOSING, TREATING	204	32100
HEALTH DIAGNOSING, TREATING, NEC	211	32199
HEALTH DIAGNOSTICS TEACHERS, POSTSECONDARY	155	31211
HEALTH PRACTITIONERS, TECHS, RELATED	203	32000

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
HEALTH SERVICE WORKERS, NEC	442	66099
HEALTH SERVICE, RELATED OCCS	432	66000
HEAT TREATING MACHINE OPS, TENDERS	723	91932
HEATERS, METAL & PLASTIC	725	91938
HEATING EQUIP SETTERS-METAL, PLASTIC	722	91928
HEATING, AC, REFRIGERATION MECHANICS	548	85902
HELPERS, LABORERS, HAND--EX AGRICULTURE & FORESTRY	886	98000
HELPERS--BRICK,STONE MASONS	890	98311
HELPERS--CARPENTERS AND RELATED	891	98312
HELPERS--CONSTRUCTION TRADES, NEC	896	98319
HELPERS--CONST TRADES & EXTRACT WORKERS	898	98399
HELPERS--ELECTRICIANS, POWERLINE INSTALLERS	892	98313
HELPERS--EXTRACTIVE WORKERS	897	98323
HELPERS--PAINTERS AND RELATED	893	98314
HELPERS--PLUMBERS AND RELATED	894	98315
HELPERS--ROOFERS	895	98316
HIGHWAY MAINTENANCE WORKERS	599	87711
HISTORY TEACHERS, POSTSECONDARY	170	31235
HOIST AND WINCH OPERATORS	878	97941
HOME ECONOMICS TEACHERS, POSTSECONDARY	182	31262
HOME HEALTH CARE WORKERS	436	66011
HOSTS, HOSTESSES--RESTAURANTS	417	65002
HOTEL DESK CLERKS	329	53808
HOUSEKEEPING SUPERVISORS	396	61008
HUMAN SERVICES WORKERS	128	27308
INDUSTRIAL ENGINEERING TECHS & TECHNOS	76	22508
INDUST ENGINEERS--EXCEPT SAFETY	63	22128
INDUSTRIAL PRODUCTION MANAGERS	13	15014
INDUSTRIAL TRUCK,TRACTOR OPERATORS	880	97947
INDUSTRY SPECIFIC CLERICAL, ADMINISTRATIVE SUPPORT	300	53000
INSURANCE ADJUSTERS, EXAMINERS, INVESTIGATORS	313	53302
INSPECTORS, RELATED OCCUPATIONS	498	83000
INSPECTORS, TESTERS, RELATED, NEC	502	83099
INSPECTORS,TESTERS,& GRADERS,PRECISION	499	83002
INSTALLER & REPAIRER, MOBILE HOME	560	85938
INSTRUCTIONAL COORDINATORS	201	31517
INSTRUCTORS AND COACHES--SPORTS	192	31321
INSTRUCTORS--NON-VOCATIONAL EDUCATION	191	31317
INSTRUMENT MAKERS, PRECISION	628	89105
INSTRUMENT REPAIRERS, PRECISION	549	85905
INSULATION WORKERS	602	87802
INSURANCE APPRAISERS--AUTO DAMAGE	314	53305
INSURANCE CLAIMS CLERKS	316	53311
INSURANCE EXAMINING CLERKS	315	53308
INSURANCE POLICY PROCESSING CLERKS	317	53314
INSURANCE WORKERS	312	53300
INTERIOR DESIGNERS	259	34041
INTERVIEW CLERKS--EX PERSONNEL, WELFARE	351	55332
INVESTIGATIVE, RELATED, EX INSURANCE	318	53500
INVESTIGATORS--CLERICAL	320	53505

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
JANITORS, CLEANERS--EXCEPT MAIDS	445	67005
JEWELERS AND SILVERSMITHS	634	89123
JOB PRINTERS	658	89705
JUDGES AND MAGISTRATES	136	28102
LABORERS, LANDSCAPING/GROUNDSKEEPING	485	79041
LANDSCAPE ARCHITECTS	71	22308
LATHE MACHINE SETTERS--METAL, PLASTIC	689	91105
LATHERS	573	87114
LAW AND RELATED OCCUPATIONS	134	28000
LAW CLERKS	140	28302
LAW TEACHERS, POSTSECONDARY	175	31244
LAWN SERVICE MANAGER	19	15032
LAWYERS	138	28108
LAWYERS AND RELATED WORKERS	135	28100
LAYOUT WORKERS--METAL, PRECISION	632	89117
LECTURERS	147	31111
LEGAL ASSISTANTS, TECHNICIANS, EX CLERICAL	139	28300
LEGAL ASSISTANTS, TECHNICIANS--EX CLERICAL, NEC	144	28399
LETTERPRESS SETTERS, SET-UP OPERATORS	739	92515
LIBRARIANS, ARCHIVISTS AND RELATED	195	31500
LIBRARIANS--PROFESSIONAL	196	31502
LIBRARY ASSISTANTS & BOOKMOBILE DRIVERS	331	53902
LIBRARY SCIENCE TEACHERS, POSTSECONDARY	180	31256
LICENSE CLERKS	325	53708
LICENSED VOCATIONAL NURSES	222	32505
LIFE SCIENCES TEACHERS, POSTSECONDARY	151	31202
LIFE SCIENTISTS	89	24300
LIFE SCIENTISTS, NEC	94	24399
LITHOGRAPHY & PHOTOENGRAVING WORKERS, NEC	667	89719
LITHOGRAPHY & PHOTOENGRAVING, PRECISION	661	89710
LAUNDRY, DRYCLEAN MACH OPS--EX PRESS	759	92726
LOADING MACHINE OPERATORS--MINING	875	97932
LOAN AND CREDIT CLERKS	308	53121
LOAN INTERVIEWERS	305	53111
LOAN OFFICERS AND COUNSELORS	28	21108
LOCKSMITHS AND SAFE REPAIRERS	555	85923
LOCOMOTIVE ENGINEERS	843	97305
LOCOMOTIVE FIRERS	845	97311
LODGING AND TRAVEL WORKERS	326	53800
LOG GRADERS AND SCALERS	477	79008
LOG HANDLING EQUIPMENT OPERATORS	472	73008
LOGGING TRACTOR OPERATORS	473	73011
LONGSHORE EQUIPMENT OPERATORS	865	97902
MACHINE BUILDERS & OTHER PRECISION MACH ASSEMBLER	792	93105
MACHINE FORMING OPS, TENDERS--METAL, PLASTIC	701	91321
MACHINE FORMING SETTERS--METAL, PLASTIC	694	91300
MACHINE SETTER, SET-UP, OP--EX METAL, PLASTIC	761	92900
MACHINE SETTERS, SET-UP OPERATORS, & TENDERS	686	91000
MACHINE TOOL CUTTING OPS--METAL, PLASTIC	693	91117
MACHINE TOOL CUTTING--METAL, PLASTIC	687	91100

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
MACHINE TOOL SETTERS, OPS--METAL,PLASTIC	702	91500
MACHINE ASSEMBLERS	799	93902
MACHINE FEEDERS AND OFFBEARERS	899	98500
MACHINE FEEDERS AND OFFBEARERS,NEC	900	98502
MACHINE OPERATORS AND TENDERS, NEC	788	92998
MACHINE SETTERS & SET-UP OPERATORS, NEC	787	92997
MACHINERY AND RELATED MECHANICS	504	85100
MACHINERY MAINT MECHANICS, NEC	511	85119
MACHINERY MAINTENANCE MECHANICS	505	85110
MACHINERY MAINTENANCE WORKERS	514	85128
MACHINISTS	629	89108
MAIDS AND HOUSEKEEPING CLEANERS	444	67002
MAIL CLERKS-EX MAIL MACHINE OPERATORS, POSTAL	374	57302
MAIL MACHINE OPERATORS--PREP AND HANDLING	360	56008
MAIL, MESSAGE DISTRIBUTION WORKERS	373	57300
MAIN LINE STATION ENGINEERS	869	97914
MAINTENANCE MECHANICS--MARINE EQUIP	508	85116
MAINTENANCE MECHANICS--WATER, POWER	510	85118
MAINTENANCE REPAIRERS, GENERAL UTILITY	515	85132
MAINTENANCE MECHANICS--SEWING MACHINE	507	85113
MAINTENANCE MECHANICS--TEXTILE	506	85112
MANAGEMENT ANALYSTS	44	21905
MANAGEMENT SUPPORT OCCUPATIONS	24	21000
MANAGEMENT SUPPORT WORKERS, NEC	50	21999
MANAGERS AND ADMINISTRATORS, NEC	22	19999
MANICURISTS	452	68008
MARINE ARCHITECTS	70	22305
MARINE ENGINEERS	66	22138
MARKING CLERKS	385	58021
MASONS AND RELATED WORKERS	577	87300
MATERIAL MOVEMENT EQUIPMENT OPERATORS	864	97900
MATERIAL MOVING EQUIP OPERATORS, NEC	884	97989
MATERIAL RECORDING, DISPATCHING	378	58000
MATERIAL RECORDING, RELATED, NEC	389	58099
MATES--SHIP, BOAT, AND BARGE	851	97505
MATH SCIENTISTS AND RELATED	110	25300
MATHEMATICAL SCIENCES TEACHERS, POSTSECONDARY	163	31224
MATHEMATICAL SCIENTISTS	112	25310
MATHEMATICAL SCIENTISTS, NEC	116	25319
MATHEMATICAL TECHNICIANS	117	25323
MEAT, POULTRY, FISH CUTTERS--HAND	811	93938
MECHANICAL CONTROL, VALVE INSTALLERS	557	85928
MECHANIC AND REPAIRER HELPERS	887	98100
MECHANIC AND REPAIRER HELPERS, NEC	888	98102
MECHANICAL ENGINEERING TECHNICIANS	77	22511
MECHANICAL ENGINEERS	65	22135
MECHANICS, INSTALLERS, REPAIRERS	503	85000
MECHANICS, NEC	527	85399
MECHANICS, INSTALLERS, REPAIRERS, NEC	566	85999
MEDICAL, CLINICAL LAB ASSISTANTS	232	32905

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
MEDICAL, CLINICAL LAB TECHNOLOGISTS	231	32902
MEDICAL APPLIANCE MAKERS	683	89923
MEDICAL ASSISTANTS	434	66005
MEDICAL RECORDS TECHNICIANS	234	32911
MEDICAL SCIENTISTS	93	24311
MEDICINE, HEALTH SERVICES MANAGERS	11	15008
MENDERS, GARMENTS AND LINENS	565	85956
MERCHANDISE DISPLAYERS, WINDOW TRIMMERS	260	34044
MERCHANDISE, PRODUCTS AND OTHER SALES	285	49000
MESSENGERS	377	57311
METAL FABRICATING MACH SETTERS, OPS	706	91700
METAL FABRICATOR, STRUCTURAL METAL PRODUCTS	711	91714
METAL MOLDING MACHINE OPERATORS AND TENDERS	716	91911
METAL MOLDING, MACHINE SETTER, SET-UP	715	91908
METAL POURERS, CASTERS--BASIC	812	93941
METAL WORKERS, NEC--PRECISION	639	89199
METAL WORKERS, PRECISION	626	89100
METAL, PLASTIC MACHINE SETTERS, OPS NEC	727	92100
METAL, PLASTIC PROCESS MACHINE SETTERS	712	91900
METALLURGISTS, RELATED ENGINEERS	54	22105
METER READERS--UTILITIES	383	58014
MANAGERS AND ADMINISTRATIVE OCCUPATIONS	2	10000
MILLING MACHINE SETTERS--METAL, PLASTIC	691	91111
MILLWRIGHTS	512	85123
MINE CUTTING, CHANNELING MACHINE OPERATORS	621	87943
MINING ENGINEERS--INCL MINE SAFETY	55	22108
MINING MACHINE OPERATORS	619	87940
MINING MACHINE OPERATORS, NEC	622	87949
MINING, OIL AND GAS, RELATED MANAGERS	15	15021
MISC AGRICULTURE, FORESTRY, FISHING	475	79000
MISC HELPERS, LABORERS--HAND	905	98900
MISC HELPERS, LABORERS--HAND, NEC	908	98999
MISC INDUSTRY SPECIFIC CLERICAL	330	53900
MISC MECHANICS, INSTALLERS, REPAIRERS	547	85900
MISC METAL, PLASTIC MACHINE SETTERS OPERATORS	726	91999
MISC PERSONAL SERVICE OCCUPATIONS	449	68000
MISC PROFESSIONALS, PARAPROFS, TECHNICAL	266	39000
MISC SECRETARIAL, GENERAL OFFICE OCCS	341	55300
MISC SERVICE WORKERS	464	69000
MISC TRANSPORTATION WORKERS	859	97800
MARKETING, ADVERTISING, PUBLIC-RELATIONS MANAGERS	6	13011
MOBILE EQUIPMENT MECHANICS, REPAIRERS	516	85300
MOBILE HEAVY EQUIP MECHANICS--EX ENGINE	521	85314
MODELS	296	49036
MOLDERS AND CASTERS--HAND	813	93944
MOLDERS, SHAPERS--EX JEWELRY	677	89905
MOTION PICTURE PROJECTIONISTS	763	92905
MOTOR VEHICLE OPERATORS	833	97100
MOTOR VEHICLE OPERATORS, NEC	840	97199
MOTORBOAT OPERATORS	853	97511

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
MOTORCYCLE REPAIRERS	519	85308
MUNICIPAL CLERKS	324	53705
MUNICIPAL WORKERS	322	53700
MUSIC DIRECTORS, SINGERS, COMPOSERS	261	34047
MUSICAL INSTRUMENT REPAIRERS AND TUNERS	554	85921
MUSICIANS--INSTRUMENTAL	262	34051
NATURAL SCIENTISTS AND RELATED WORKERS	82	24000
NUMERICAL TOOL, PROCESS PROGRAMMERS	108	25111
NEW ACCOUNTS CLERKS	303	53105
NONELECTROLYTIC PLATING & COATING MACHINE-OPS	721	91926
NONELECTROLYTIC PLATING MACHINE-SETTERS & SET-UP	720	91923
NUCLEAR ENGINEERS	58	22117
NUCLEAR MEDICINE TECHNOLOGISTS	236	32914
NUCLEAR TECHNICIANS	98	24508
NUMERICAL MACHINE TOOL OPS--METAL, PLASTIC	703	91502
NURSE AIDES, ORDERLIES, ATTENDANTS	435	66008
NURSERY & GREENHOUSE MANAGER	18	15031
NURSING INSTRUCTORS, POSTSECONDARY	148	31114
OCCUPATIONAL THERAPISTS	214	32305
OCCUPATIONAL THERAPY ASSISTANTS	439	66021
OCCUPATIONS NOT CLASSIFIED	909	
OFFICE MACHINE, CASH REGISTER SERVICERS	556	85926
OFFICE MACHINE OPERATORS, NEC	365	56099
OFFSET LITHOGRAPHIC PRESS SETTERS	738	92512
OIL PUMPERS--EXCEPT WELL HEAD	867	97908
OPERATING ENGINEERS	883	97956
OPERATIONS & SYSTEMS RESEARCHERS--EX COMPUTER	111	25302
OPTICAL GOODS WORKERS, PRECISION	681	89917
OPTICIANS--DISPENSING, MEASURING	225	32514
OPTOMETRISTS	207	32108
ORDER CLERKS--MATERIALS, SERVICE	348	55323
ORDER FILLERS--WHOLESALE & RETAIL SALE	387	58026
ORDINARY SEAMEN AND MARINE OILERS	855	97517
OTHER SOCIAL SCIENCE RELATED WORKERS	124	27300
OTHER ELECTRICAL EQUIPMENT MECHANICS	535	85700
OTHER HAND WORKERS	798	93900
OTHER HEALTH PROFESSIONALS, PARAPROFS	230	32900
OTHER MANAGEMENT SUPPORT WORKERS	42	21900
OTHER PRECISION WORKERS	675	89900
OTHER PROFESSIONALS, PARAPROF, TECHNICAL	272	39999
OTHER TEACHERS AND INSTRUCTORS	184	31300
PACKAGING, FILLING MACHINE OPERATORS, TENDERS	786	92974
PAINT, COAT & SPRAY MACHINE SETTERS	778	92951
PAINTERS AND RELATED WORKERS	584	87400
PAINTERS, PAPERHANGERS--CONSTRUCTION	585	87402
PAINTERS, TRANSPORTATION EQUIPMENT	777	92947
PAINTING, COATING, DECORATING--HAND	814	93947
PAINTING, RELATED MACHINE OPERATORS, TENDERS	779	92953
PAPER GOODS MACHINE SETTERS, SET-UP OPERATORS	766	92914
PARALEGAL PERSONNEL	141	28305

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
PARKING ENFORCEMENT OFFICERS	405	63021
PARKING LOT ATTENDANTS	862	97808
PARKS,REC,LEISURE,FITNESS STUDIES TEACHERS, POST	181	31258
PASTE UP WORKERS	659	89706
PATTERN AND MODEL MAKERS--METAL	631	89114
PATTERN AND MODEL MAKERS--WOOD	641	89302
PATTERN MARKERS--WOOD	642	89305
PATTERNMAKERS AND LAYOUT WORKERS	648	89502
PATTERNMAKERS, MODEL MAKERS, LAYOUT	678	89908
PAVING, TAMPING-EQUIPMENT OPERATORS	598	87708
PAYROLL AND TIMEKEEPING CLERKS	354	55341
PERIPHERAL EDP EQUIPMENT OPERATORS	362	56014
PERSONNEL CLERKS--EX PAYROLL	345	55314
PERSONNEL, TRAINING, LABOR-RELATIONS MANAGERS	4	13005
PERSONNEL, TRAINING, LABOR-RELATIONS SPECIALISTS	37	21500
PERSONNEL, TRAINING, LABOR-RELATIONS SPECIALISTS, NEC	41	21511
PERSONAL AND HOME CARE AIDES	461	68035
PEST CONTROLLERS AND ASSISTANTS	446	67008
PETROLEUM REFINERY, CONTROL PANEL OPERATORS	824	95014
PETROLEUM ENGINEERS	56	22111
PETROLEUM PUMP SYSTEM OPERATORS	823	95011
PETROLEUM TECHNICIANS	99	24511
PHARMACISTS	226	32517
PHARMACY AIDES	441	66026
PHARMACY TECHNICIANS	227	32518
PHILOSOPHY & RELIGION TEACHERS, POSTSECONDARY	179	31254
PHOTOENGRAVERS	662	89712
PHOTOENGRAVING, LITHOGRAPHING MACHINE OPERATORS	747	92545
PHOTOGRAPHERS	253	34023
PHOTOGRAPHIC PROCESSING MACHINE OPS & TENDERS	764	92908
PHOTOGRAPHIC PROCESS WORKER,PRECISION	680	89914
PHYSICAL SCIENCE TEACHERS, POSTSECONDARY	154	31209
PHYSICAL SCIENTISTS	83	24100
PHYSICAL SCIENTISTS, NEC	88	24199
PHYSICAL THERAPISTS	215	32308
PHYSICAL THERAPY ASSISTANTS & AIDES	438	66017
PHYSICAL, LIFE SCIENCE TECHNICIANS	95	24500
PHYSICAL, LIFE SCIENCE TECHNICIANS, NEC	100	24599
PHYSICIANS AND SURGEONS	205	32102
PHYSICIAN'S ASSISTANTS	224	32511
PHYSICISTS AND ASTRONOMERS	84	24102
PHYSICS TEACHERS, POSTSECONDARY	153	31206
PILE DRIVING OPERATORS	597	87705
PILOTS--SHIP	852	97508
PIPELAYERS	589	87508
PIPELAYING FITTERS	588	87505
PLANT AND SYSTEM OCCUPATIONS	819	95000
PLANT AND SYSTEM OPERATORS, NEC	831	95099
PLAST MOLDING, CASTING MACHINE SETTER	713	91902
PLASTERERS AND STUCCO MASONS	583	87317

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
PLASTIC MOLDING, CASTING MACHINE OPS	714	91905
PLATEMAKERS	666	89718
PLUMBERS AND RELATED WORKERS	586	87500
PLUMBERS, PIPEFITTERS, STEAMFITTER	587	87502
PODIATRISTS	208	32111
POLICE AND DETECTIVE SUPERVISORS	395	61005
POLICE DETECTIVES	402	63011
POLICE PATROL OFFICERS	403	63014
POLITICAL SCIENCE TEACHERS, POSTSECONDARY	171	31236
PORTABLE MACHINE CUTTERS	808	93928
POSTAL MAIL CARRIERS	375	57305
POSTAL SERVICE CLERKS	376	57308
POSTMASTERS, MAIL SUPERINTENDENTS	9	15002
POSTSECONDARY TEACHERS	146	31100
POSTSECONDARY TEACHERS, NEC	183	31299
POWER DISTRIBUTORS AND DISPATCHERS	829	95028
POWER PLANT OPS--EX AUXILIARY EQUIPMENT	826	95021
POWER REACTOR OPERATORS	828	95026
POWERHOUSE, RELATED ELECTRICIANS	542	85721
PRESS MACHINE SETTERS--METAL, PLASTIC	696	91305
PRESSERS--DELICATE FABRICS	653	89517
PRESSERS--HAND	805	93921
PRESSING MACH OPS--TEXTILE, GARMENT	760	92728
PRINT PRESS SETTERS,SET UP OPS	737	92510
PRINT PRESS SETTERS,SET-UP OPS NEC	740	92519
PRINT REL SETTERS, SET-UP OPS, NEC	744	92529
PRINT, BINDING, RELATED MACHINE OPS, TENDER	749	92549
PRINTING PRESS MACHINE OPS, TENDER	746	92543
PRINTING WORKERS, NEC--PRECISION	669	89799
PRINTING WORKERS, PRECISION	656	89700
PRINTING, BINDING, RELATED WORKERS	736	92500
PROCUREMENT CLERKS	349	55326
PROD INSPECTORS, TESTERS, & GRADER	500	83005
PROD, CONST, OPER, MATERIAL HANDLING	490	80000
PROD, PLANNING, EXPEDITING CLERKS	381	58008
PRODUCERS, DIRECTORS, ACTORS	264	34056
PRODUCTION OCCUPATIONS, PRECISION	625	89000
PROFESSIONAL, PARAPROF, TECHNICAL	23	20000
PROOFREADERS AND COPY MARKERS	334	53911
PROPERTY AND REAL ESTATE MANAGERS	12	15011
PROTECTIVE SERVICE OCCUPATIONS	398	63000
PROTECTIVE SERVICE WORKERS, NEC	415	63099
PRUNERS	483	79033
PSYCHIATRIC AIDES	437	66014
PSYCHIATRIC TECHNICIANS	242	32931
PSYCHOLOGISTS	122	27108
PSYCHOLOGY TEACHERS, POSTSECONDARY	172	31237
PUBLIC ADMIN CHIEF EXECUTIVES, LEGISLATORS	20	19002
PUBLIC RELATIONS SPECIALISTS, PUBLICITY WRITERS	248	34008
PUMP OPERATORS	882	97953

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
PUNCH MACHINE SETTERS--METAL, PLASTIC	695	91302
PURCHASING AGENTS AND BUYERS--FARM PRODUCTS	35	21305
PURCHASING AGENTS--EX WHOLESALE, RETAIL, FARM PRODS	36	21308
PURCHASING AGENTS AND BUYERS	33	21300
PURCHASING MANAGERS	5	13008
RADIATION THERAPISTS	235	32913
RADIO MECHANICS	533	85514
RADIO OPERATORS	269	39008
RADIOLOGIC TECHNOLOGISTS	237	32919
RAIL CAR REPAIRERS	522	85317
RAIL TRANSPORTATION WORKERS	841	97300
RAIL VEHICLE OPERATIVES, NEC	848	97399
RAIL YARD ENGINEERS AND RELATED	844	97308
RAILROAD BRAKE, SIGNAL, SWITCH OPERATORS	847	97317
RAILROAD CONDUCTORS, YARDMASTERS	842	97302
RAILROAD, TRANSIT POLICE, SPECIAL AGENTS	411	63038
RAIL-TRACK LAYING, MAINTENANCE EQUIPMENT OPS	600	87714
REAL ESTATE CLERKS	335	53914
RECEPTIONISTS, INFORMATION CLERKS	343	55305
RECREATION WORKERS	129	27311
RECREATIONAL THERAPISTS	218	32317
REFRACTORY MATERIALS REPAIRERS	513	85126
REFUSE COLLECTORS	903	98705
REGISTERED NURSES	221	32502
REINFORCING METAL WORKERS	582	87314
RELIGIOUS WORKERS	130	27500
RELIGIOUS WORKERS, NEC	133	27599
REPORTERS AND CORRESPONDENTS	249	34011
RESERVATION, TRANS TICKET AGENTS	328	53805
RESIDENTIAL COUNSELORS	127	27307
RESPIRATORY CARE PRACTITIONERS	213	32302
RIGGERS	559	85935
ROASTING, BAKING MACHINE OPERATORS--FOOD	768	92921
ROCK SPLITTERS, QUARRY	613	87908
ROLLING MACH SETTERS--METAL, PLASTIC	699	91314
ROOF BOLTERS	618	87923
ROOFERS	605	87808
ROTARY DRILL OPERATORS--OIL, GAS EXTRACT	614	87911
ROUSTABOUTS	617	87921
SAFETY ENGINEERS--EXCEPT MINING	64	22132
SALES AGENTS, PLACERS--INSURANCE	276	43002
SALES AGENTS--ADVERTISING	283	43023
SALES AGENTS--FINANCIAL SERVICES	280	43014
SALES AGENTS--REAL ESTATE	278	43008
SALES AGENTS--SELECTED BUSINESS SERVICES	281	43017
SALES AGENTS--SERVICE	275	43000
SALES AND RELATED OCCUPATIONS	273	40000
SALES AND RELATED WORKERS, NEC	297	49999
SALES ENGINEERS	286	49002
SALES REPRESENTATIVES, NON-SCIENTIFIC EX RET	288	49008

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
SALES REPRESENTATIVES, SCIENTIFIC--EX RETAIL	287	49005
SALES REPRESENTATIVES, SERVICE--NEC	284	43099
SALESPERSONS, RETAIL	289	49011
SALESPERSONS--PARTS	290	49014
SAW MACHINE TOOL SETTERS--METAL, PLASTIC	688	91102
SAWING MACHINE OPERATORS AND TENDERS	733	92308
SAWING MACHINE SETTERS, SET-UP OPERATORS	731	92302
SCANNER OPERATORS	664	89715
SCREEN PRINT MACHINE SETTERS, SET-UP	742	92524
SECRETARIAL, GENERAL OFFICE OCCUPATIONSS	336	55000
SECRETARIES	337	55100
SECRETARIES, GENERAL	340	55108
SECRETARIES, LEGAL	338	55102
SECRETARIES, MEDICAL	339	55105
SELECTED ROAD, RAIL AND RELATED	595	87700
SEPARATING, STILL MACHINE OPS, TENDERS	782	92962
SEPTIC TANK, SEWER PIPE SERVICERS	590	87511
SERVICE OCCUPATIONS	392	60000
SERVICE STATION ATTENDANTS	861	97805
SERVICE UNIT OPERATORS	616	87917
SERVICE WORKERS, NEC	465	69999
SEWERS--HAND	806	93923
SEWING MACHINE OPERATORS--GARMENT	756	92717
SEWING MACHINE OPS--NON-GARMENT	757	92721
SHAMPOOERS	453	68011
SHEAR MACHINE SETTERS--METAL, PLASTIC	697	91308
SHEET METAL DUCT INSTALLERS	604	87805
SHEET METAL WORKERS	637	89132
SHERIFFS AND DEPUTY SHERIFFS	409	63032
SHIP ENGINEERS	856	97521
SHIPFITTERS	633	89121
SHOE AND LEATHER WKRS--PRECISION	651	89511
SHOE SEWING MACHINE OPS, TENDERS	758	92723
SHUTTLE CAR OPERATORS	876	97935
SIGNAL OR TRACK SWITCH MAINTAINERS	532	85511
SLAUGHTERERS AND BUTCHERS	671	89802
SMALL ENGINE SPECIALISTS	526	85328
SOCIAL SCI, RECREATION, RELIGIOUS	118	27000
SOCIAL SCIENCE TEACHERS, POSTSECONDARY	165	31230
SOCIAL SCIENCES TEACHERS, POSTSECONDARY,	173	31239
SOCIAL SCIENTISTS, NEC	123	27199
SOCIAL SCIENCE--INCL URBAN, REGIONAL PLANNERS	119	27100
SOCIAL WORKERS--EX MEDICAL, PSYCHIATRIC	126	27305
SOCIAL WORK TEACHERS, POSTSECONDARY	177	31247
SOCIAL WORKERS--MEDICAL, PSYCHIATRIC	125	27302
SOLDERERS AND BRAZERS	804	93917
SOLDERING, BRAZING MACH OPS, TENDERS	710	91711
SOLDERING, BRAZING MACH SETTERS	709	91708
SPEC MATERL PRINTING MACH SETTERS	741	92522
SPECIAL AGENTS--INSURANCE	39	21505

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
SPEECH PATHOLOGISTS, AUDIOLOGISTS	217	32314
SPOTTERS--DRY CLEANING	652	89514
SPRAYERS, APPLICATORS	484	79036
STATEMENT CLERKS	310	53126
STATION INSTALLERS--TELEPHONE	544	85726
STATIONARY ENGINEERS	830	95032
STATISTICAL CLERKS	350	55328
STATISTICIANS	113	25312
STENOGRAPHERS AND/OR COURT REPORTER	342	55302
STEVEDORES--EX EQUIPMENT OPERATORS	902	98702
STOCK CLERKS--SALES FLOOR	292	49021
STOCK CLERKS--STOCKROOM, WAREHOUSE	386	58023
STONE MASONS	579	87305
STRIPPERS	665	89717
STRUCTURAL METAL WORKERS	607	87814
SUBWAY AND STREETCAR OPERATORS	846	97314
SURGICAL TECHNICIANS	241	32928
SURVEYING AND MAPPING SCIENTISTS	72	22311
SURVEYING AND MAPPING TECHNICIANS	80	22521
SWITCHBOARD OPERATORS	368	57102
SYSTEMS ANALYSTS--ELECTRIC DATA PROCESSING	103	25102
TANK CAR AND TRUCK LOADERS	866	97905
TAPERS	572	87111
TAX EXAMINERS, COLLECTORS, REVENUE AGENTS	47	21914
TAX PREPARERS	29	21111
TAXI DRIVERS AND CHAUFFEURS	838	97114
TEACHER AIDES & EDUCATIONAL ASSISTANTS, CLERICAL	332	53905
TEACHER AIDES, PARAPROFESSIONAL	202	31521
TEACHERS AND INSTRUCTORS, NEC	194	31399
TEACHERS, EDUCATORS, LIBRARIANS	145	31000
TEACHERS, KINDERGARTEN	186	31304
TEACHERS, PRESCHOOL	185	31303
TEACHERS--ELEMENTARY SCHOOL	187	31305
TEACHERS--SECONDARY SCHOOL	188	31308
TEACHERS--SPECIAL EDUCATION	189	31311
TEACHERS--VOCATIONAL ED AND TRAINING	190	31314
TECHNICAL ASSISTANTS--LIBRARY	197	31505
TECHNICAL WRITERS	247	34005
TELEGRAPH AND TELETYPE OPERATORS	371	57111
TELEGRAPH, TELETYPE INSTALLERS	531	85508
TELEMARKETERS, SOLICITORS & RELATED	294	49026
TELEPHONE, CABLE TV INSTALLERS	536	85702
TELLERS	302	53102
TEXTILE, APPAREL, FURNISHINGS, NEC--PRECISION	655	89599
TEXTILE BLEACHING, DYEING MACHINE OPERATORS	755	92714
TEXTILE DRAW-OUT MACH OPERATORS, TENDERS	754	92711
TEXTILE MACHINE SETTERS, SET-UP OPERATORS	751	92702
TEXTILE OPERATORS, TENDERS--WIND, TWIST, KNIT	752	92705
TEXTILE, APPAREL, FURNISHINGS, PRECISION	647	89500
TEXTILE, RELATED SETTERS, OPERATORS	750	92700

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
THERAPISTS	212	32300
THERAPISTS, NEC	219	32399
TIMBER CUTTING AND LOGGING	469	73000
TIMBER CUTTING AND RELATED, NEC	474	73099
TIRE BUILDING MACHINE OPERATORS	765	92911
TIRE REPAIRERS AND CHANGERS	564	85953
TITLE EXAMINERS AND ABSTRACTORS	143	28311
TITLE SEARCHERS	142	28308
TOOL AND DIE MAKERS	627	89102
TOOL GRINDERS, FILERS, SHARPENERS	630	89111
TRAFFIC TECHNICIANS	268	39005
TRAFFIC, SHIPPING, RECEIVING CLERKS	388	58028
TRANS AND RELATED WORKERS, NEC	863	97899
TRANS ATTENDANTS--EX FLIGHT	459	68028
TRANS, MATERIAL MOVING EQUIPMENT OPS, NEC	885	97999
TRANS, MATERIAL MOVING MACHINE OPS	832	97000
TRANSIT CLERKS	304	53108
TRANSPORTATION AGENTS	382	58011
TRANSPORTATION INSPECTORS	501	83008
TRAVEL AGENTS	282	43021
TRAVEL CLERKS	327	53802
TRUCK DRIVERS, HEAVY	834	97102
TRUCK DRIVERS, LIGHT	835	97105
TYPESETTING, COMPOSING MACHINE OPS	745	92541
TYPISTS, INCLUDING WORD PROCESSING	344	55307
U.S. MARSHALLS	407	63026
UNDERGROUND MINE MACHINE MECHANICS	509	85117
UNDERWRITERS	26	21102
UPHOLSTERERS	650	89508
URBAN AND REGIONAL PLANNERS	121	27105
USHERS, LOBBY ATTENDANTS	456	68021
VEHICLE WASHERS, EQUIPMENT CLEANERS	907	98905
VETERINARY ASSISTANTS	486	79806
VETERINARY TECHNICIANS	243	32951
VETS AND VETERINARY INSPECTORS	210	32114
VOCATIONAL & EDUCATIONAL COUNSELOR	200	31514
WAITERS AND WAITRESSES	419	65008
WARDROBE ATTENDANTS	460	68032
WATCH ASSEMBLERS, RELATED--PRECISION	796	93117
WATCHMAKERS	553	85917
WATER TRANSPORTATION WORKERS	849	97500
WATER TREATMENT PLANT OPERATORS	820	95002
WEIGHERS, MEASURERS--RECORDKEEPING	384	58017
WELDERS AND CUTTERS	803	93914
WELDING MACH OPERATORS AND TENDERS	708	91705
WELDING MACH SETTERS, SET-UP OPS	707	91702
WELFARE ELIGIBILITY WORKERS, INTERVIEWERS	319	53502
WELL HEAD PUMPERS	868	97911
WHOLESALE AND RETAIL BUYERS--EX FARM PRODS	34	21302
WOOD MACHINISTS	643	89308

Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
WOODWORK MACH OPS,TNDRS--EX SAWING	735	92314
WOODWORK MACH SETTERS--EX SAWING	734	92311
WOODWORKERS, NEC--PRECISION	646	89399
WOODWORKERS, PRECISION	640	89300
WOODWORKING MACHINE SETTERS, OPS	730	92300
WORKERS, PRECISION--NEC	685	89999
WRITERS AND EDITORS	246	34002
WRITERS, ARTISTS, ENTER, ATHLETES	245	34000

Standard Industrial Classification Manual

The Standard Industrial Classification (SIC) is a nationally standardized system for identifying and coding business establishments according to their industrial activity. An "establishment" is an economic unit, generally located at a single physical location, where business is conducted or where services or industrial operations are performed. The Standard Industrial Classification (SIC) Manual is the reference guide used to accurately apply and/or understand the classification coding system.

The SIC Manual's format separates industries into ten broad divisions, such as manufacturing and retail trade. Within those broad groupings are more specific two-digit codes, as well as more detailed three-digit and four-digit codes, that identify specific industries. Brief narratives describe the kinds of establishments contained in each classification category.

Suggestions for Users

The SIC Manual facilitates the collection, analysis and publication of information about business establishments. This standardized system is used throughout the United States to promote uniformity in the publications of private and governmental agencies. The Employment Development Department's field office personnel use the manual to assign SIC codes to employers

to aid in providing services. Trade associations and private industry use the manual in reference books, such as the California Manufacturers Register.

The manual can help one to understand the composite industries summarized in publications. However, all public sector workers are usually grouped together into a category called "government", which includes federal, state and local government, and state and local education.

The U.S. Department of Labor, Occupational Safety and Health Administration provides SIC information on the Internet at <http://www.osha.gov/oshstats/sicser.html>

The SIC Manual may be purchased from U.S. Government Bookstores, Bureau of Labor Statistics, or the Superintendent of Documents in Los Angeles or San Francisco. For information about purchasing this manual, contact:

U.S. Government Bookstore
Marathon Plaza, Room 141-S
303 2nd Street
San Francisco, CA 94107
Phone - (415) 512-2770
Fax - (415) 512-2776
<http://access.gpo.gov>

North American Industry Classification System

The United States has a new industry classification system. The North American Industry Classification System (NAICS) will soon replace the U.S. Standard Industrial Classification (SIC) system.

NAICS is the first-ever North American Industry classification system. The system was developed by the U.S., Canada, and Mexico to provide comparable statistics across the three countries. For the first time, government and business analysts will be able to compare directly industrial production statistics collected and published in the three North American Free Trade Agreement countries.

NAICS will reshape the way we view our changing economy. It is a unique, all-new system for classifying business establishments. It is the first economic classification system to be constructed based on a single economic concept. Economic units that use like processes to produce goods or services are grouped together. This "production-oriented" system means that statistical agencies in the United States will produce data that can be used for:

- measuring productivity, unit labor costs, and the capital intensity of production;
- constructing input-output relationships and;
- estimating employment-output relationships and other such statistics that require that inputs and outputs be used together.

NAICS responds to increasing and serious criticism about the SIC. NAICS reflects the structure of today's economy in the United States, Canada, and Mexico, including the emergence and growth of the service sector and new and advanced technologies. It is a flexible system that allows each country to recognize important industries below the level at which comparable data will be shown for all three countries.

The 1997 Economic Census will provide the first official NAICS-based statistics. Advance statistics will appear in early 1999. A report in 2000 will show relationships between NAICS and SIC industries.

Implementation by Federal agencies will be in phases. Some agency programs will convert to NAICS as early as 1999, others as late as 2004.

How is NAICS better?

NAICS will make economic statistics more useful. It will improve basic benchmark and current performance statistics, like manufacturers' shipments, retail sales, and service receipts. It will improve statistics by providing an all-new industry classification system that is more:

Relevant. NAICS identifies new industries, revises concepts, and reorganizes classifications so that industry-classified statistics highlight businesses that contribute most to our economy.

Consistent. NAICS classifies businesses into industries based on one principle instead of several; the principle that businesses using similar production processes are classified together.

Comparable. NAICS provides first-ever comparability in North American industry classifications and economic statistics.

Flexible. NAICS classifications will be updated regularly to keep pace with changes in our economy; every 5 years, all three North American countries will review NAICS and make needed revisions.

How NAICS will affect the economic data you use.

Every sector of the economy has been restructured and redefined:

- A new *Information* sector combines communications, publishing, motion picture and sound recording, and online services, recognizing our information-based economy.
- *Manufacturing* is restructured to recognize new high-tech industries. A new subsector is devoted to computers and electronics, including reproduction of software.
- *Retail Trade* is redefined. In addition, eating and drinking places are transferred to a new *Accommodation and Food Services* sector.
- The difference between *Retail* and *Wholesale* is now based on how each store conducts business. For example, many computer stores are reclassified from wholesale to retail.
- Nine new service sectors and 250 new service industries are recognized.

All new numbering system

Numeric codes for each NAICS classification are completely different from those of the SIC. The new numbering system underscores the "clean slate" approach taken in NAICS and allows its classification changes to be fully developed. The new system provides five levels of classification (up from four in the SIC), detailed codes that have a maximum of six-digits (up from four in the SIC) and detailed classifications called "U.S. Industry" (instead of "Industry" in the SIC). These changes require new numbers, even for industries that continue without change. For example, both NAICS and SIC include the detailed industry, "Passenger car rental." However, in NAICS, it has code number 532111, and in the SIC, it was code number 7514. While all NAICS numeric codes are new, like the SIC, they are organized into multi-level hierarchical classification groups that build up from the detailed industry level. The additional level of classification and expanded number of digits permit NAICS to account for the increased number of classifications, provide flexibility in structuring industry classification groups, and allow for country-based variations in classification detail.

A variety of information resources are available to help users of business statistics understand and use NAICS. Additional information, answers to frequently asked questions, and updated agency implementation plans are available at the Census Bureau's Internet site:

www.census.gov/naics

Answers to specific classification and data program inquiries may also be addressed to industry experts at:

Phone: 1-888-75NAICS
E-mail: naics@census.gov

Projection Methods And Economic Assumptions

The employment projection process consists of two phases – first, projections for employment by industry are made using both historical data and current information about the economy. Next, the industry projections become a primary data source used to project changes in occupational employment.

Changes in occupational employment over time result from two principal sources: industry growth and technological change. In developing occupational employment projections, both of these components must be addressed.

The following is a discussion of how industry and occupational projections are developed, beginning with a description of data sources and followed by a description of the steps involved.

Principal Data Sources

Employment by Industry

The source of the official historical industry employment series used for industry projections for the state and each county is the Current Employment Statistics (CES) program. This is a Federal/State co-operative program that compiles monthly estimates of industry employment groupings for the state and each county. These monthly industry employment estimates are based primarily on employer sample surveys.

A second source used in industry forecasts is the Covered Employment and Wage Data, or ES-202 program. Essentially, this program extracts employment and wage information from quarterly tax returns filed by each California employer covered by unemployment insurance. Each employer has been assigned a specific industry and county code and these data are compiled to provide the 'actual' industry employment levels for each industry and county. These data are then used for benchmarking the monthly industry employment

estimates made in the CES program. This is also a Federal/State co-operative program.

Employment by Occupation

Occupational employment estimates are based on survey data collected through the Occupational Employment Statistics (OES) program. The OES survey is an annual mail survey of non-farm employers conducted by the Employment Development Department in cooperation with the U.S. Bureau of Labor Statistics. The survey is based on a sample designed to represent the universe of employers in each state. In California, data are collected for over 800 occupations at the three-digit SIC level of detail. The survey samples approximately 110,000 business establishments over a three year period.

The Process

Industry Projections

Industry projections are first developed at aggregated levels (industry groupings) for the state and each county based on the Current Employment Statistics employment series.

Second, these aggregated industry projections are then broken down into more industry specific detail using the ES-202 data. The industry specific projections then become the primary source from which occupational projections are developed by using industry staffing patterns data. The following steps outline the process:

- Approximately every two years, industry employment projections are produced for the nation by the Bureau of Labor Statistics.
- Industry projections are then developed for the State using input from the national forecast and the historical industry employment series for the State.

- County industry projections are then developed using input from the state forecast and the historical employment series for each county.
- State projections are developed for ten years from the base period and county projections are developed for seven years from the base period.
- The State forecasts are reviewed by Labor Market Information Division (LMID) industry analysts, California's Department of Finance, and academics.
- County forecasts are reviewed by local area consultants who provide up to date information regarding recent developments in each county that would not normally be accounted for in the model.

Occupational Projections

The distribution of industry employment by occupation is performed in three steps.

- OES survey responses are summarized by industry and matched with the appropriate SIC in the area. (In cases where local OES responses are not available, either state-wide responses or another area's responses are substituted.)
- The survey data are adjusted to total to the annual average employment level for each industry. This results in estimates of employment by occupation within the three-digit SICs for the base year.
- Finally, base year staffing patterns are adjusted to account for projected shifts in the occupational distributions due to technological changes. These projected changes are derived from special studies conducted by the U.S. Bureau of Labor Statistics. Applying these changes to the base year staffing patterns results in staffing patterns by three-digit SIC for the projected year. Projected year staffing patterns are applied to the industry employment projections

to produce occupational employment projections within three-digit SICs. Data by occupation are then summed to get the occupational estimates. The difference between the base year occupation estimates and the projected year projections represents the job growth resulting from industry growth and from technological change. (Change factors do not try to predict regulatory changes.)

Demand for workers is also created by openings that result when workers leave their jobs to enter other occupations, retire, or leave the labor force for other reasons. These openings, termed *separations*, are important because, in most occupations, they exceed job openings resulting from employment growth. Even occupations that are projected to decline usually provide job openings due to separations. Separations are developed from separation rates compiled on a national basis every two years by the Bureau Of Labor Statistics.

Economic Assumptions

The industry and occupational projections in this report are based on the following assumptions:

- ✓ The institutional framework of the U.S. economy will not change radically.
- ✓ Recent technological and scientific trends will continue.
- ✓ The long-term employment patterns will continue in most industries.
- ✓ Federal, state, and local government agencies will continue to operate under budgetary constraints.
- ✓ No major events, such as war, will occur that will significantly alter the industrial structure of the economy, the occupational staffing patterns, or the rate of long-term growth.
- ✓ Population growth rates and age distributions will not differ significantly from Department of Finance projections presently available.
- ✓ Attitudes toward work, education, income, and leisure will not change significantly.

Projections & Planning Information

Module E:

Wages

Table of Contents

Module E: Occupational Wages	PAGE
Introduction.....	E-v
Occupational Employment Statistics Wage Survey Results	E-1

Occupational Employment Statistics Wage Survey

The Occupational Employment Statistics (OES) survey is an annual mail survey measuring occupational employment and occupational wage rates for wage and salary workers in nonfarm establishments by industry. The survey samples approximately 37,000 establishments per year, taking 3 years to fully collect the sample of 113,000 establishments in California.

The 2000 OES survey is the second year to use the new Standard Occupational Classification (SOC) system to identify occupational categories. These survey samples are based only on two years of data collected in the 1999 and 2000 survey. Surveys prior to 1999 used the Occupational Employment Statistics (OES) classification system. Of the nearly 770 SOC occupations, 374 are a direct match with the OES classification system definitions. The rest are newly defined SOC occupations. The SOC structure and definitions can be found at the Bureau of Labor Statistics (BLS) SOC website at www.bls.gov.

The wage data for all occupations have been updated to the third quarter of 2001 by applying the Employment Cost Index of the 2000 SOC wage database. The occupational employment estimates are for 2000. A more complete set of technical notes for the 2000 OES survey is available at the BLS website.

'Employment' Definition

The OES survey defines employment as the number of workers who can be classified as full-time or part-time employees; workers on paid vacations or other types of leave; workers on unpaid or short-term absences; salaried officers, executives, and staff members of incorporated firms; employees temporarily assigned to other units; and employees for whom the reporting unit is their permanent duty station, regardless of whether that unit prepares their paycheck. The survey excludes the self-employed, owners/partners of unincorporated firms, and unpaid family workers. Employees are reported in the occupation in which they are working, not necessarily for which they were trained.

Business Establishment Description

The OES survey uses the Standard Industrial Classification (SIC) system to classify all an economic unit which processes goods or provides services, such as a factory or store. The establishment is generally at a single physical location and is engaged primarily in one type of economic activity.

The scope of the survey includes establishments in SIC codes 07, 10, 12 to 17, 20 to 42, 44 to 65, 67, 70, 72, 73, 75, 76, 78 to 84, 86, 87, and 89 covering agricultural services; mining; construction; manufacturing; transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; services; and government.

Source of Sample Selection

The California Unemployment Insurance (UI) file provided the universe from which the OES survey draws its sample. The employment benchmark was obtained from reports submitted by employers to the UI program. In some nonmanufacturing industries, supplemental sources are used for establishments not reporting to the UI program.

The OES survey frame is stratified by area, industry and size class. Size classes are defined as follows:

<u>Size Class</u>	<u>Number of Employees</u>
1	1 to 4
2	5 to 9
3	10 to 19
4	20 to 49
5	50 to 99
6	100 to 249
7	250 and above

UI reporting units with 250 or more employees are sampled with certainty across a 3-year period. Generally, one-third of the certainty units are sampled each year in each state. There are some states that sample more than one-third of their certainty units during one survey year.

Terms and Concepts

Employment represents the estimate of total wage and salary employment in an occupation across the industries in which it was surveyed. The OES survey form contains between 50 and 225 SOC occupations selected on the basis of the industry classification and size of the sampled establishments. To reduce paperwork and respondent burden, no survey form contains every SOC occupation. Thus, data for specific occupations are collected from establishments within industries that are the predominant employers of labor in those occupations.

Wages for the OES survey are straight-time gross pay, exclusive of premium pay. Included are base rate, cost-of-living allowances, guaranteed pay, hazardous duty pay, incentive pay including commissions and production bonuses, tips, and on-call pay. Excluded are back pay, jury duty pay, overtime pay, severance pay, shift differentials, non-production bonuses, employer cost of supplementary benefits, and tuition reimbursements.

The OES survey collects wage data in 12 intervals. Employers report the number of employees in an occupation per each wage range. The wage intervals are as follows:

Interval	Hourly Wage	Annual Wage
A	Under \$6.75	Under \$14,040
B	\$6.75 to 8.49	\$14,040 to 17,679
C	\$8.50 to 10.74	\$17,680 to 22,359
D	\$10.75 to 13.49	\$22,360 to 28,079
E	\$13.50 to 16.99	\$28,080 to 35,359
F	\$17.00 to 21.49	\$35,360 to 44,719
G	\$21.50 to 27.24	\$44,720 to 56,679
H	\$27.25 to 34.49	\$56,680 to 71,759
I	\$34.50 to 43.74	\$71,760 to 90,999
J	\$43.75 to 55.49	\$91,000 to 115,439
K	\$55.50 to 69.99	\$115,440 to 145,599
L	\$70.00 and over	\$145,600 and over

Wages are calculated using wage data from establishments in the industries that are the predominant employers of an occupation. Industries that do not typically employ workers in a given occupation are not included in the calculation of the mean and median wage.

Mean Hourly Wage is the estimated total wages for an occupation divided by its weighted survey employment. When the wages for an occupation are concentrated in the upper wage interval, it is not possible to calculate a reliable mean. In those instances, both the mean hourly wage and the mean annual wage are replaced by a "(3)" and the user is referred to the appropriate footnote. There are a small number of occupations where only an annual wage figure is provided; the workers in these occupations are generally paid on an annual basis, and their annual wage has been directly calculated from the reported survey data. Occupations that typically have a work-year of less than 2,080 hours include musical and entertainment occupations, aircraft pilots, flight attendants, and teachers. These occupations are identified in the data tables with "(2)" in the hourly wage cells.

Median Hourly Wage is the estimated 50th percentile of the distribution of wages; 50 percent of workers in an occupation earn wages below the median wage, and 50 percent earn wages above the median wage.

Entry-Level Hourly Wage is the mean of the first third of the wage distribution. This calculation is provided as a proxy for an entry-level wage.

First Quartile Wage is the estimated 25th percentile of the distribution of wages; 25 percent of workers in an occupation earn wages below the first quartile wage, and 75 percent earn wages above the first quartile wage.

Third Quartile Wage is the estimated 75th percentile of the distribution of wages; 75 percent of workers in an occupation earn wages below the third quartile wage, and 25 percent earn wages above the third quartile wage.

Metropolitan Area The general concept of a metropolitan area (MA) is one of a large population nucleus, together with adjacent communities that have a high degree of economic and social integration with that nucleus. Some MAs are defined around two or more nuclei. The MAs are designated and defined by the Federal Office of Management and Budget, following a set of official published standards. These standards were developed by

the Interagency Federal Executive Committee on Metropolitan Areas, with the aim of producing definitions that are as consistent as possible for all MAs nationwide.

Metropolitan Statistical Area (MSA) A MSA comprises one or more central counties. A MSA also may include one or more outlying counties that have close economic and social relationships with the central county. An outlying county must have a specified level of commuting to the central counties and also must meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. The title of a MSA contains the name of its largest city and up to two additional city names, provided that the additional places meet specified levels of population, employment and commuting. Generally a city of 250,000 or more is in the title, regardless of other criteria.

Primary Metropolitan Statistical Area (PMSA) The criteria that designates and defines a MSA also designates and defines a PMSA. If an area that qualifies as a MA has more than one million persons, primary metropolitan statistical areas (PMSAs) may be defined within it. PMSAs consist of a large urbanized county or cluster of counties that demonstrate very strong internal economic and social links, in addition to close ties to other portions of the larger area. The title of a PMSA may contain up to three place names, or up to three county names, sequenced in order of population.

Consolidated Metropolitan Statistical Area (CMSA) A CMSA consists of two or more Primary Metropolitan Statistical Areas (PMSAs).

Occupational Employment Statistics (OES) Survey Results

Los Angeles - Long Beach MSA

Los Angeles County

These survey data are from the 2001 Occupational Employment Statistics (OES) survey. The wages have all been updated to the third quarter of 2002 by applying the US Department of Labor's Employment Cost Index to the 2001 wages. Occupations are classified using the Standard Occupational Classification (SOC) codes. For details of the methodology, see the Overview of the OES Survey at [http://www.calmis.ca.gov/file/occup\\$/oes\\$.htm](http://www.calmis.ca.gov/file/occup$/oes$.htm)

(Sorted by Occupational Title)

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
13-2011	Accountants and Auditors	\$18.25	\$27.70	\$20.14	\$24.80	\$32.61
27-2011	Actors	(2)	(2)	(2)	(2)	(2)
15-2011	Actuaries	\$23.84	\$40.75	\$27.40	\$36.71	\$54.41
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	\$19.91	\$34.24	\$22.07	\$31.53	\$47.97
11-3011	Administrative Services Managers	\$18.22	\$31.60	\$21.74	\$29.54	\$41.31
11-2011	Advertising and Promotions Managers	\$20.96	\$40.15	\$24.52	\$38.45	\$53.63
41-3011	Advertising Sales Agents	\$13.89	\$31.45	\$16.62	\$24.61	\$44.13
17-3021	Aerospace Engineering and Operations Technicians	\$21.03	\$27.94	\$23.39	\$27.53	\$33.25
17-2011	Aerospace Engineers	\$28.79	\$35.85	\$30.88	\$35.22	\$41.55
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	\$22.98	\$45.53	\$26.81	\$47.74	\$61.78
19-4011	Agricultural and Food Science Technicians	\$8.16	\$14.13	\$8.63	\$13.23	\$17.92
19-1010	Agricultural and Food Scientists	\$14.61	\$26.30	\$17.22	\$23.47	\$36.02
45-2011	Agricultural Inspectors	\$11.69	\$17.34	\$13.17	\$18.12	\$21.25
53-2021	Air Traffic Controllers	\$31.17	\$44.25	\$36.52	\$47.22	\$53.21

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
53-1011	Aircraft Cargo Handling Supervisors	\$12.34	\$18.51	\$12.99	\$15.77	\$24.38
49-3011	Aircraft Mechanics and Service Technicians	\$14.72	\$21.38	\$17.42	\$21.66	\$25.94
53-2022	Airfield Operations Specialists	\$15.29	\$22.72	\$16.20	\$20.38	\$30.07
53-2011	Airline Pilots, Copilots, and Flight Engineers	(2)	(2)	(2)	(2)	(2)
53-2099	All Other Air Transportation Workers	\$7.28	\$12.50	\$8.38	\$11.95	\$14.11
17-1099	All Other Architects, Surveyors, and Cartographers	\$17.26	\$23.27	\$19.44	\$23.52	\$27.38
27-1099	All Other Art and Design Workers	\$11.41	\$18.38	\$12.43	\$14.62	\$22.09
37-9099	All Other Building and Grounds Cleaning and Maintenance Workers	\$6.75*	\$11.11	\$6.82	\$9.55	\$13.98
47-4999	All Other Construction Trades and Related Workers	\$9.84	\$14.94	\$11.31	\$13.06	\$17.40
21-9099	All Other Counselors, Social and Religious Workers	\$8.89	\$17.23	\$10.84	\$16.53	\$22.11
17-3099	All Other Drafters, Engineering, and Mapping Technicians	\$15.23	\$23.03	\$17.89	\$21.80	\$27.73
49-2099	All Other Electrical and Electronic Equipment Mechanics, Installers, and Repairers	\$10.25	\$16.05	\$12.17	\$14.59	\$19.56
43-4999	All Other Financial, Information, and Record Clerks	\$10.98	\$15.21	\$12.15	\$14.37	\$17.35
51-3099	All Other Food Processing Workers	\$6.75*	\$8.51	\$6.75*	\$7.61	\$8.85
29-9199	All Other Health Professionals and Technicians	\$8.09	\$16.46	\$9.05	\$14.33	\$21.82
43-5199	All Other Material Recording, Scheduling, Dispatching, and Distributing Workers	\$8.85	\$13.85	\$10.58	\$13.61	\$16.72
51-5099	All Other Printing Workers	\$6.83	\$10.04	\$6.96	\$8.25	\$12.18
43-9999	All Other Secretaries, Administrative Assistants, and Other Office Support	\$10.83	\$15.58	\$12.47	\$14.83	\$18.74
25-3999	All Other Teachers, Primary, Secondary, and Adult	(2)	(2)	(2)	(2)	(2)

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	\$8.09	\$13.56	\$8.60	\$10.25	\$13.10
39-3091	Amusement and Recreation Attendants	\$6.75*	\$8.26	\$6.75*	\$7.47	\$8.80
33-9011	Animal Control Workers	\$9.46	\$14.16	\$10.75	\$14.17	\$17.48
39-2011	Animal Trainers	\$6.75*	\$11.10	\$6.75*	\$7.72	\$8.80
27-3010	Announcers	\$9.30	\$19.53	\$11.65	\$15.95	\$23.26
19-3091	Anthropologists and Archeologists	\$11.45	\$18.83	\$12.44	\$16.65	\$25.37
25-1061	Anthropology and Archeology Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
13-2021	Appraisers and Assessors of Real Estate	\$19.60	\$26.86	\$21.11	\$24.67	\$30.10
23-1022	Arbitrators, Mediators, and Conciliators	\$13.19	\$24.10	\$14.03	\$24.79	\$33.44
17-1011	Architects, Except Landscape and Naval	\$20.30	\$31.33	\$23.50	\$30.76	\$37.92
17-3011	Architectural and Civil Drafters	\$18.19	\$24.65	\$20.42	\$24.32	\$28.19
17-0000	Architecture and Engineering Occupations	\$18.86	\$30.99	\$22.37	\$30.14	\$38.70
25-4010	Archivists, Curators, and Museum Technicians	\$17.28	\$27.83	\$20.01	\$26.11	\$33.97
27-1011	Art Directors	\$21.83	\$38.19	\$25.04	\$36.30	\$50.12
25-1121	Art, Drama, and Music Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	\$9.95	\$25.64	\$12.40	\$20.88	\$33.47
51-2099	Assemblers and Fabricators, All Other	\$6.75*	\$8.85	\$6.75*	\$7.62	\$10.48
29-9091	Athletic Trainers	(2)	(2)	(2)	(2)	(2)
19-2021	Atmospheric and Space Scientists	\$23.03	\$34.88	\$27.24	\$34.47	\$43.78

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
27-4011	Audio and Video Equipment Technicians	\$10.04	\$22.51	\$12.44	\$17.71	\$28.96
29-1121	Audiologists	\$18.78	\$25.55	\$20.00	\$23.64	\$30.29
25-9011	Audio-Visual Collections Specialists	\$8.84	\$11.72	\$9.93	\$11.84	\$13.19
49-3021	Automotive Body and Related Repairers	\$8.81	\$15.42	\$10.00	\$13.51	\$20.58
49-3022	Automotive Glass Installers and Repairers	\$7.80	\$10.36	\$8.31	\$10.25	\$12.49
49-3023	Automotive Service Technicians and Mechanics	\$9.32	\$15.10	\$10.73	\$13.70	\$19.37
49-2091	Avionics Technicians	\$16.38	\$22.17	\$18.14	\$22.15	\$26.32
39-6011	Baggage Porters and Bellhops	\$6.75*	\$9.77	\$6.92	\$8.37	\$10.70
51-3011	Bakers	\$7.57	\$12.09	\$8.14	\$11.17	\$15.74
39-5011	Barbers	\$6.75*	\$8.47	\$6.75*	\$7.71	\$9.12
35-3011	Bartenders	\$6.92	\$8.60	\$7.30	\$8.17	\$9.60
49-3091	Bicycle Repairers	\$7.74	\$10.91	\$8.52	\$11.93	\$13.13
43-3011	Bill and Account Collectors	\$10.13	\$14.78	\$11.38	\$14.12	\$17.29
43-3021	Billing and Posting Clerks and Machine Operators	\$10.36	\$14.31	\$11.39	\$13.78	\$16.92
51-5011	Bindery Workers	\$7.11	\$10.62	\$7.38	\$9.42	\$12.43
19-1021	Biochemists and Biophysicists	\$20.32	\$31.09	\$23.50	\$30.50	\$34.72
25-1042	Biological Science Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
19-4021	Biological Technicians	\$10.63	\$17.67	\$11.95	\$15.39	\$21.37
17-2031	Biomedical Engineers	\$22.20	\$30.42	\$24.56	\$29.91	\$35.44

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
47-2011	Boilermakers	\$18.11	\$24.79	\$19.63	\$24.30	\$28.56
51-5012	Bookbinders	\$7.76	\$11.33	\$8.37	\$10.13	\$13.57
43-3031	Bookkeeping, Accounting, and Auditing Clerks	\$10.43	\$15.51	\$12.08	\$15.19	\$18.59
47-2021	Brickmasons and Blockmasons	\$11.82	\$20.35	\$12.54	\$15.68	\$26.41
27-4012	Broadcast Technicians	\$8.51	\$24.99	\$10.00	\$24.28	\$39.93
43-4011	Brokerage Clerks	\$13.30	\$18.19	\$14.18	\$16.86	\$20.84
13-2031	Budget Analysts	\$21.17	\$28.82	\$23.28	\$27.69	\$33.83
37-0000	Building and Grounds Cleaning and Maintenance Occupations	\$7.30	\$10.64	\$7.66	\$9.07	\$12.26
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	\$13.77	\$20.18	\$16.06	\$20.13	\$24.50
53-3022	Bus Drivers, School	\$9.73	\$13.32	\$10.47	\$12.79	\$16.06
13-0000	Business and Financial Operations Occupations	\$16.74	\$27.79	\$19.33	\$25.47	\$34.09
13-1199	Business Operations Specialists, All Other	\$16.95	\$27.56	\$20.04	\$26.44	\$34.98
25-1011	Business Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
51-3021	Butchers and Meat Cutters	\$7.31	\$13.35	\$7.76	\$10.50	\$19.19
51-7011	Cabinetmakers and Bench Carpenters	\$7.43	\$10.48	\$7.85	\$9.26	\$11.74
49-9061	Camera and Photographic Equipment Repairers	\$18.45	\$21.45	\$18.50	\$20.11	\$21.72
27-4031	Camera Operators, Television, Video, and Motion Picture	\$15.75	\$25.67	\$18.67	\$26.22	\$32.64
53-5021	Captains, Mates, and Pilots of Water Vessels	\$16.83	\$25.92	\$21.25	\$25.47	\$28.40
29-2031	Cardiovascular Technologists and Technicians	\$13.36	\$19.53	\$14.61	\$19.23	\$24.35
43-5011	Cargo and Freight Agents	\$12.30	\$18.62	\$14.35	\$17.98	\$21.94

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
47-2031	Carpenters	\$12.55	\$21.04	\$15.00	\$20.69	\$27.54
47-2041	Carpet Installers	\$10.64	\$15.15	\$11.65	\$13.51	\$17.22
17-1021	Cartographers and Photogrammetrists	\$14.86	\$20.69	\$16.17	\$19.08	\$22.02
41-2011	Cashiers	\$6.75*	\$9.50	\$6.86	\$8.05	\$10.77
47-2051	Cement Masons and Concrete Finishers	\$6.75*	\$12.09	\$6.75*	\$10.10	\$15.39
51-9191	Cementing and Gluing Machine Operators and Tenders	\$7.22	\$9.10	\$7.31	\$8.05	\$8.90
35-1011	Chefs and Head Cooks	\$11.86	\$18.36	\$12.73	\$16.42	\$21.26
51-9011	Chemical Equipment Operators and Tenders	\$7.88	\$12.06	\$8.61	\$10.87	\$15.07
51-8091	Chemical Plant and System Operators	\$17.18	\$21.08	\$18.76	\$20.70	\$22.96
19-4031	Chemical Technicians	\$11.49	\$18.15	\$12.57	\$17.56	\$22.23
25-1052	Chemistry Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
19-2031	Chemists	\$16.26	\$26.17	\$17.81	\$22.93	\$32.17
11-1011	Chief Executives	\$41.06	(3)	\$50.61	\$61.79	>\$70.00
39-9011	Child Care Workers	\$7.18	\$9.84	\$7.65	\$9.19	\$11.90
21-1021	Child, Family, and School Social Workers	\$12.47	\$18.55	\$15.14	\$19.33	\$21.88
29-1011	Chiropractors	\$19.34	\$25.41	\$19.55	\$21.95	\$28.55
17-3022	Civil Engineering Technicians	\$17.01	\$22.65	\$19.05	\$22.33	\$26.75
17-2051	Civil Engineers	\$23.28	\$31.13	\$25.29	\$29.78	\$35.87
13-1031	Claims Adjusters, Examiners, and Investigators	\$16.10	\$24.56	\$18.30	\$23.60	\$29.96
53-7061	Cleaners of Vehicles and Equipment	\$6.75*	\$9.02	\$6.92	\$7.97	\$9.96

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	\$7.45	\$10.47	\$7.81	\$9.51	\$11.70
21-2011	Clergy	\$17.93	\$28.24	\$21.34	\$27.04	\$37.28
19-3031	Clinical, Counseling, and School Psychologists	\$22.41	\$32.27	\$26.17	\$32.62	\$37.84
27-2022	Coaches and Scouts	(2)	(2)	(2)	(2)	(2)
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	\$7.40	\$10.48	\$7.94	\$9.77	\$12.68
51-2021	Coil Winders, Tapers, and Finishers	\$6.75*	\$8.32	\$6.75*	\$7.76	\$9.57
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	\$8.96	\$13.16	\$9.58	\$13.16	\$16.17
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	\$6.75*	\$7.67	\$6.75*	\$7.20	\$8.30
27-1021	Commercial and Industrial Designers	\$17.93	\$28.63	\$19.81	\$25.52	\$34.22
49-9092	Commercial Divers	\$12.29	\$27.71	\$13.80	\$22.78	\$34.39
53-2012	Commercial Pilots	(2)	(2)	(2)	(2)	(2)
43-2099	Communications Equipment Operators, All Other	\$9.96	\$17.20	\$12.11	\$18.14	\$20.76
21-0000	Community and Social Services Occupations	\$10.33	\$18.80	\$12.14	\$17.74	\$23.81
13-1072	Compensation, Benefits, and Job Analysis Specialists	\$17.66	\$24.03	\$19.69	\$22.85	\$27.52
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportati	\$15.49	\$23.63	\$17.10	\$21.80	\$29.21
15-1011	Computer and Information Scientists, Research	\$24.52	\$39.75	\$29.48	\$39.02	\$48.00
11-3021	Computer and Information Systems Managers	\$28.03	\$43.04	\$33.44	\$42.74	\$53.50
15-0000	Computer and Mathematical Occupations	\$18.68	\$30.28	\$21.74	\$28.52	\$37.46
17-2061	Computer Hardware Engineers	\$21.91	\$37.84	\$25.52	\$35.73	\$47.89

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
43-9011	Computer Operators	\$10.25	\$15.69	\$11.73	\$14.82	\$18.84
15-1021	Computer Programmers	\$21.78	\$31.68	\$24.71	\$30.05	\$37.76
25-1021	Computer Science Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
15-1031	Computer Software Engineers, Applications	\$23.72	\$37.87	\$28.99	\$36.98	\$45.49
15-1032	Computer Software Engineers, Systems Software	\$23.86	\$35.93	\$27.12	\$34.69	\$45.65
15-1099	Computer Specialists, All Other	\$14.75	\$25.55	\$17.08	\$24.26	\$32.54
15-1041	Computer Support Specialists	\$14.72	\$21.49	\$16.87	\$20.40	\$25.27
15-1051	Computer Systems Analysts	\$21.26	\$30.83	\$23.83	\$30.06	\$36.86
49-2011	Computer, Automated Teller, and Office Machine Repairers	\$9.95	\$16.75	\$11.19	\$15.08	\$19.78
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	\$8.30	\$13.94	\$9.25	\$13.11	\$17.59
39-6012	Concierges	\$9.54	\$15.20	\$10.50	\$12.69	\$16.80
19-1031	Conservation Scientists	\$21.20	\$30.95	\$25.01	\$30.65	\$35.26
47-4011	Construction and Building Inspectors	\$17.21	\$25.87	\$19.69	\$26.62	\$31.47
47-0000	Construction and Extraction Occupations	\$9.76	\$18.23	\$11.57	\$16.67	\$24.05
47-2061	Construction Laborers	\$9.51	\$16.35	\$10.80	\$15.43	\$20.92
11-9021	Construction Managers	\$26.58	\$39.73	\$30.92	\$39.18	\$48.41
53-7011	Conveyor Operators and Tenders	\$7.28	\$10.51	\$7.96	\$9.67	\$11.27
35-2011	Cooks, Fast Food	\$7.35	\$7.73	\$7.28	\$7.79	\$8.31
35-2012	Cooks, Institution and Cafeteria	\$7.72	\$10.55	\$8.33	\$10.25	\$12.51
35-2014	Cooks, Restaurant	\$7.17	\$9.18	\$7.54	\$8.59	\$10.78

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
35-2015	Cooks, Short Order	\$7.89	\$9.84	\$8.72	\$9.69	\$10.68
51-9193	Cooling and Freezing Equipment Operators and Tenders	\$10.43	\$14.96	\$12.28	\$15.38	\$18.15
33-3012	Correctional Officers and Jailers	\$18.57	\$22.74	\$20.03	\$23.14	\$26.00
43-4021	Correspondence Clerks	\$10.07	\$13.95	\$11.12	\$13.46	\$16.63
13-1051	Cost Estimators	\$15.06	\$26.56	\$17.60	\$25.32	\$33.62
39-3092	Costume Attendants	\$15.50	\$19.90	\$17.75	\$20.21	\$22.39
41-2021	Counter and Rental Clerks	\$7.24	\$10.57	\$7.62	\$8.91	\$11.92
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	\$6.75*	\$8.45	\$7.05	\$8.04	\$9.62
43-5021	Couriers and Messengers	\$6.75*	\$9.58	\$6.97	\$8.52	\$11.00
13-2041	Credit Analysts	\$15.49	\$28.24	\$17.13	\$22.59	\$34.79
43-4041	Credit Authorizers, Checkers, and Clerks	\$9.37	\$13.30	\$10.18	\$12.33	\$14.90
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	\$8.69	\$13.02	\$9.46	\$12.21	\$16.30
43-4051	Customer Service Representatives	\$10.13	\$15.16	\$11.29	\$13.90	\$18.41
51-9031	Cutters and Trimmers, Hand	\$6.75*	\$9.06	\$7.09	\$8.90	\$10.59
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	\$7.22	\$11.02	\$7.70	\$10.14	\$13.45
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	\$7.61	\$11.55	\$8.32	\$10.78	\$14.15
43-9021	Data Entry Keyers	\$8.80	\$11.50	\$9.53	\$11.10	\$13.39
15-1061	Database Administrators	\$17.67	\$28.89	\$20.09	\$26.79	\$36.45

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
41-9011	Demonstrators and Product Promoters	\$7.29	\$11.01	\$7.66	\$8.76	\$12.57
31-9091	Dental Assistants	\$14.57	\$18.04	\$16.80	\$18.85	\$20.56
51-9081	Dental Laboratory Technicians	\$9.16	\$14.61	\$10.62	\$15.21	\$17.11
29-1020	Dentists	\$51.04	(3)	>\$70.00	>\$70.00	>\$70.00
47-5011	Derrick Operators, Oil and Gas	\$12.80	\$15.06	\$12.80	\$13.98	\$15.82
43-9031	Desktop Publishers	\$11.93	\$18.19	\$13.02	\$16.89	\$23.12
33-3021	Detectives and Criminal Investigators	\$23.01	\$30.50	\$25.37	\$30.78	\$35.58
29-2032	Diagnostic Medical Sonographers	\$17.84	\$22.90	\$19.56	\$23.13	\$26.46
29-2051	Dietetic Technicians	\$10.79	\$13.88	\$12.03	\$13.95	\$16.12
29-1031	Dietitians and Nutritionists	\$16.07	\$24.52	\$18.90	\$23.99	\$29.56
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	\$6.75*	\$7.14	\$6.75*	\$6.97	\$7.97
21-2021	Directors, Religious Activities and Education	\$9.33	\$16.11	\$9.93	\$13.03	\$22.31
35-9021	Dishwashers	\$6.75*	\$7.01	\$6.75*	\$6.87	\$7.90
43-5032	Dispatchers, Except Police, Fire, and Ambulance	\$9.84	\$15.53	\$11.04	\$14.84	\$18.50
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	\$6.78	\$11.51	\$7.26	\$8.68	\$14.08
53-7031	Dredge Operators	\$22.31	\$27.58	\$23.87	\$28.64	\$32.16
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$7.59	\$11.56	\$8.04	\$9.90	\$13.38
53-3031	Driver/Sales Workers	\$7.48	\$11.03	\$7.49	\$8.37	\$11.51
47-2081	Drywall and Ceiling Tile Installers	\$11.01	\$18.63	\$12.64	\$18.34	\$24.18

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
47-5021	Earth Drillers, Except Oil and Gas	\$16.50	\$21.41	\$17.69	\$20.20	\$23.31
25-1063	Economics Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
19-3011	Economists	\$22.84	\$35.32	\$25.29	\$32.00	\$42.46
27-3041	Editors	\$13.45	\$21.80	\$15.00	\$19.68	\$26.96
11-9032	Education Administrators, Elementary and Secondary School	(2)	(2)	(2)	(2)	(2)
11-9033	Education Administrators, Postsecondary	\$24.73	\$36.79	\$27.03	\$34.78	\$44.94
11-9031	Education Administrators, Preschool and Child Care Center/Program	\$12.26	\$20.00	\$13.00	\$16.80	\$23.73
25-1081	Education Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
25-0000	Education, Training, and Library Occupations	\$11.11	\$21.43	\$13.32	\$20.17	\$28.56
25-9199	Education, Training, and Library Workers, All Other	\$8.83	\$15.56	\$10.41	\$14.40	\$20.05
21-1012	Educational, Vocational, and School Counselors	\$15.56	\$26.79	\$19.18	\$28.01	\$34.97
49-2092	Electric Motor, Power Tool, and Related Repairers	\$10.50	\$17.03	\$11.31	\$14.63	\$22.70
17-3023	Electrical and Electronic Engineering Technicians	\$13.67	\$22.08	\$15.67	\$20.77	\$26.73
51-2022	Electrical and Electronic Equipment Assemblers	\$7.00	\$10.14	\$7.35	\$8.86	\$11.54
17-3012	Electrical and Electronics Drafters	\$12.39	\$23.31	\$15.02	\$20.91	\$30.65
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	\$16.13	\$21.78	\$18.54	\$21.86	\$25.43
17-2071	Electrical Engineers	\$24.54	\$34.81	\$27.87	\$33.77	\$42.61
47-2111	Electricians	\$13.29	\$20.22	\$14.78	\$18.30	\$25.54
51-2023	Electromechanical Equipment Assemblers	\$7.53	\$11.74	\$8.17	\$10.51	\$14.31
17-3024	Electro-Mechanical Technicians	\$11.90	\$18.56	\$13.39	\$17.89	\$22.70

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	\$8.44	\$12.15	\$9.53	\$11.70	\$14.13
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	\$7.74	\$14.70	\$8.05	\$11.41	\$18.58
17-2072	Electronics Engineers, Except Computer	\$23.66	\$36.46	\$27.59	\$35.96	\$44.83
25-2021	Elementary School Teachers, Except Special Education	(2)	(2)	(2)	(2)	(2)
47-4021	Elevator Installers and Repairers	\$16.13	\$21.66	\$16.43	\$19.65	\$26.36
39-4011	Embalmers	\$14.81	\$18.05	\$16.30	\$18.64	\$20.39
13-1061	Emergency Management Specialists	\$18.41	\$26.77	\$20.08	\$25.06	\$31.88
29-2041	Emergency Medical Technicians and Paramedics	\$8.27	\$12.52	\$8.86	\$10.85	\$14.71
13-1071	Employment, Recruitment, and Placement Specialists	\$13.33	\$23.62	\$15.34	\$21.58	\$28.82
51-2031	Engine and Other Machine Assemblers	\$10.21	\$13.77	\$11.37	\$13.29	\$15.79
11-9041	Engineering Managers	\$31.65	\$45.45	\$36.36	\$45.27	\$55.60
17-2199	Engineers, All Other	\$24.05	\$36.93	\$28.94	\$37.51	\$46.23
25-1123	English Language and Literature Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	(2)	(2)	(2)	(2)	(2)
17-3025	Environmental Engineering Technicians	\$16.96	\$23.87	\$19.93	\$24.25	\$28.31
17-2081	Environmental Engineers	\$23.79	\$34.88	\$27.78	\$33.88	\$43.77
19-4091	Environmental Science and Protection Technicians, Including Health	\$13.49	\$20.48	\$15.11	\$19.51	\$24.50
19-2041	Environmental Scientists and Specialists, Including Health	\$20.76	\$31.84	\$23.37	\$30.02	\$38.52
19-1041	Epidemiologists	\$23.49	\$26.20	\$23.71	\$26.03	\$29.27
51-9194	Etchers and Engravers	\$8.58	\$15.88	\$9.89	\$14.90	\$20.04

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
53-7032	Excavating and Loading Machine and Dragline Operators	\$15.65	\$22.31	\$18.23	\$22.61	\$27.14
43-6011	Executive Secretaries and Administrative Assistants	\$13.19	\$18.13	\$14.51	\$17.12	\$21.38
47-5099	Extraction Workers, All Other	\$10.70	\$14.37	\$12.38	\$14.90	\$16.58
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	\$6.75*	\$9.87	\$6.95	\$8.96	\$12.25
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	\$7.32	\$8.98	\$7.54	\$8.44	\$10.20
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	\$7.31	\$11.78	\$8.01	\$10.66	\$15.04
51-6092	Fabric and Apparel Patternmakers	\$10.42	\$19.45	\$12.43	\$19.60	\$26.09
49-9093	Fabric Menders, Except Garment	\$7.11	\$8.41	\$7.21	\$7.82	\$8.48
49-3041	Farm Equipment Mechanics	\$10.37	\$14.42	\$11.25	\$13.40	\$17.55
11-9011	Farm, Ranch, and Other Agricultural Managers	\$13.35	\$28.95	\$13.50	\$23.18	\$45.37
45-0000	Farming, Fishing, and Forestry Occupations	\$6.75*	\$10.06	\$7.00	\$8.49	\$10.79
45-9099	Farming, Fishing, and Forestry Workers, All Other	\$8.05	\$12.75	\$8.76	\$10.41	\$13.80
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	\$6.75*	\$8.13	\$6.81	\$7.77	\$8.93
45-2093	Farmworkers, Farm and Ranch Animals	\$7.54	\$9.10	\$7.78	\$8.69	\$10.37
27-1022	Fashion Designers	\$18.88	\$28.46	\$22.82	\$25.77	\$29.37
47-4031	Fence Erectors	\$6.75*	\$9.85	\$6.75*	\$8.93	\$10.24
51-2091	Fiberglass Laminators and Fabricators	\$7.83	\$11.07	\$8.62	\$10.57	\$12.74
43-4071	File Clerks	\$7.51	\$10.86	\$8.18	\$10.26	\$13.03
27-4032	Film and Video Editors	\$13.38	\$24.56	\$15.42	\$20.32	\$30.86

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
13-2051	Financial Analysts	\$21.03	\$32.79	\$23.66	\$29.59	\$38.55
13-2061	Financial Examiners	\$18.84	\$30.20	\$21.41	\$29.62	\$38.04
11-3031	Financial Managers	\$26.92	\$43.54	\$31.45	\$41.14	\$57.09
13-2099	Financial Specialists, All Other	\$13.96	\$23.98	\$15.72	\$18.70	\$27.99
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	\$10.17	\$18.81	\$12.42	\$18.79	\$23.90
33-2011	Fire Fighters	\$21.98	\$27.67	\$24.63	\$27.82	\$32.20
33-2021	Fire Inspectors and Investigators	\$23.13	\$29.52	\$24.97	\$29.54	\$34.19
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	\$17.93	\$28.90	\$20.48	\$27.68	\$35.32
33-1011	First-Line Supervisors/Managers of Correctional Officers	\$24.97	\$29.96	\$27.70	\$30.66	\$33.64
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	\$15.41	\$21.39	\$18.20	\$21.08	\$23.89
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	\$8.55	\$13.16	\$9.26	\$12.00	\$16.25
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	\$12.92	\$19.97	\$14.59	\$19.30	\$24.33
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	\$11.64	\$18.59	\$13.21	\$17.88	\$22.17
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	\$12.28	\$18.25	\$14.33	\$17.67	\$21.60
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	\$17.31	\$26.79	\$20.29	\$26.70	\$33.02
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	\$16.20	\$29.76	\$19.06	\$26.10	\$36.33
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	\$15.31	\$23.31	\$17.21	\$22.00	\$28.81
39-1021	First-Line Supervisors/Managers of Personal Service Workers	\$11.42	\$18.92	\$13.05	\$17.42	\$23.88

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	\$12.63	\$21.69	\$14.56	\$20.30	\$27.23
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	\$10.78	\$18.36	\$12.44	\$16.28	\$21.46
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle	\$13.21	\$23.91	\$16.17	\$23.46	\$30.15
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	\$10.77	\$18.14	\$11.68	\$14.07	\$23.96
39-9031	Fitness Trainers and Aerobics Instructors	\$7.70	\$18.88	\$8.93	\$18.16	\$27.05
39-6031	Flight Attendants	(2)	(2)	(2)	(2)	(2)
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	\$12.26	\$16.91	\$14.28	\$15.98	\$19.46
47-2043	Floor Sanders and Finishers	\$11.63	\$17.20	\$13.27	\$16.71	\$21.18
27-1023	Floral Designers	\$8.85	\$11.34	\$9.47	\$11.05	\$12.94
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	\$8.66	\$15.35	\$10.04	\$17.93	\$20.25
51-3092	Food Batchmakers	\$6.75*	\$9.97	\$6.96	\$8.22	\$11.84
35-9099	Food Preparation and Serving Related Workers, All Other	\$6.75*	\$7.57	\$6.75*	\$6.87	\$8.39
35-0000	Food Preparation and Serving-Related Occupations	\$6.75*	\$8.42	\$6.75*	\$7.73	\$9.03
35-2021	Food Preparation Workers	\$7.19	\$8.94	\$7.49	\$8.44	\$10.25
35-3041	Food Servers, Nonrestaurant	\$6.75*	\$8.88	\$6.90	\$7.93	\$11.07
25-1124	Foreign Language and Literature Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
19-4093	Forest and Conservation Technicians	\$12.23	\$15.28	\$12.66	\$14.28	\$17.38
45-4011	Forest and Conservation Workers	\$6.75*	\$8.32	\$6.75*	\$6.75*	\$9.88
33-2022	Forest Fire Inspectors and Prevention Specialists	\$17.21	\$25.04	\$20.16	\$26.87	\$31.09

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	\$7.92	\$13.23	\$8.95	\$11.94	\$16.95
51-4071	Foundry Mold and Coremakers	\$7.25	\$10.03	\$7.97	\$9.88	\$11.57
39-4021	Funeral Attendants	\$9.18	\$11.86	\$9.40	\$10.53	\$13.60
11-9061	Funeral Directors	\$18.07	\$34.74	\$20.10	\$27.05	\$43.55
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	\$6.94	\$11.86	\$7.53	\$10.30	\$15.59
51-7021	Furniture Finishers	\$7.25	\$10.16	\$7.57	\$8.86	\$11.37
43-3041	Gaming Cage Workers	\$9.24	\$10.66	\$9.28	\$10.13	\$11.00
39-3011	Gaming Dealers	\$6.75*	\$8.23	\$6.75*	\$7.09	\$7.96
11-9071	Gaming Managers	\$23.65	\$40.22	\$24.96	\$37.73	\$53.89
39-1011	Gaming Supervisors	\$11.52	\$16.10	\$12.26	\$14.49	\$17.82
33-9031	Gaming Surveillance Officers and Gaming Investigators	\$10.17	\$12.12	\$10.39	\$11.64	\$13.94
11-1021	General and Operations Managers	\$24.53	\$45.12	\$29.35	\$42.30	\$61.78
25-1064	Geography Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
19-4041	Geological and Petroleum Technicians	\$10.63	\$17.69	\$12.03	\$16.92	\$22.33
47-2121	Glaziers	\$11.36	\$18.72	\$13.11	\$18.56	\$22.29
45-2041	Graders and Sorters, Agricultural Products	\$6.75*	\$7.89	\$6.75*	\$7.54	\$8.86
25-1191	Graduate Teaching Assistants	(2)	(2)	(2)	(2)	(2)
27-1024	Graphic Designers	\$12.56	\$22.36	\$14.21	\$19.89	\$27.25
51-9022	Grinding and Polishing Workers, Hand	\$7.32	\$9.65	\$7.61	\$8.95	\$10.79
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Me	\$7.50	\$10.96	\$8.05	\$9.73	\$12.81

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
39-5012	Hairdressers, Hairstylists, and Cosmetologists	\$6.75*	\$8.93	\$6.75*	\$7.00	\$8.71
47-4041	Hazardous Materials Removal Workers	\$11.36	\$16.71	\$12.29	\$15.34	\$19.59
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	\$15.71	\$23.29	\$15.96	\$17.82	\$30.89
29-1199	Health Diagnosing and Treating Practitioners, All Other	\$19.00	\$28.19	\$21.94	\$27.16	\$32.92
21-1091	Health Educators	\$10.34	\$16.32	\$12.10	\$14.92	\$17.50
25-1071	Health Specialties Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
29-0000	Healthcare Practitioners and Technical Occupations	\$14.82	\$27.07	\$17.36	\$24.50	\$32.22
31-0000	Healthcare Support Occupations	\$8.07	\$12.27	\$8.77	\$11.01	\$15.12
31-9099	Healthcare Support Workers, All Other	\$8.58	\$12.49	\$9.54	\$12.23	\$15.06
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	\$8.49	\$12.87	\$9.26	\$12.21	\$16.07
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	\$13.50	\$20.58	\$15.75	\$20.14	\$25.31
47-3019	Helpers, Construction Trades, All Other	\$6.75*	\$11.60	\$7.09	\$10.54	\$13.95
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	\$8.36	\$13.03	\$8.91	\$10.75	\$14.09
47-3012	Helpers--Carpenters	\$7.71	\$10.64	\$8.00	\$10.33	\$12.61
47-3013	Helpers--Electricians	\$9.61	\$13.63	\$10.97	\$14.12	\$16.19
47-5081	Helpers--Extraction Workers	\$12.01	\$13.95	\$12.30	\$13.71	\$15.88
49-9098	Helpers--Installation, Maintenance, and Repair Workers	\$7.04	\$12.61	\$7.98	\$10.59	\$15.11
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	\$7.47	\$8.39	\$7.37	\$7.99	\$8.63
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	\$8.79	\$12.98	\$10.05	\$12.16	\$14.89

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
51-9198	Helpers--Production Workers	\$6.75*	\$9.03	\$6.93	\$7.72	\$10.15
47-3016	Helpers--Roofers	\$8.08	\$10.30	\$8.57	\$9.96	\$11.61
47-4051	Highway Maintenance Workers	\$14.74	\$19.59	\$16.09	\$18.89	\$23.03
25-1125	History Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
53-7041	Hoist and Winch Operators	\$15.30	\$29.07	\$18.98	\$31.65	\$39.83
49-9031	Home Appliance Repairers	\$9.96	\$15.00	\$10.77	\$13.90	\$18.65
31-1011	Home Health Aides	\$7.42	\$9.25	\$7.68	\$8.62	\$10.23
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	\$6.75*	\$7.74	\$7.02	\$7.72	\$8.38
43-4081	Hotel, Motel, and Resort Desk Clerks	\$7.87	\$9.78	\$8.36	\$9.64	\$10.85
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	\$11.98	\$16.95	\$13.43	\$16.52	\$20.06
11-3040	Human Resources Managers	\$21.26	\$34.20	\$23.98	\$32.03	\$43.73
19-2043	Hydrologists	\$23.67	\$35.30	\$26.58	\$33.89	\$42.15
17-3026	Industrial Engineering Technicians	\$14.69	\$23.13	\$16.41	\$21.16	\$28.86
17-2112	Industrial Engineers	\$22.14	\$31.44	\$25.51	\$31.54	\$37.26
49-9041	Industrial Machinery Mechanics	\$14.80	\$20.82	\$17.57	\$21.22	\$24.89
11-3051	Industrial Production Managers	\$22.26	\$34.91	\$25.68	\$33.25	\$43.17
53-7051	Industrial Truck and Tractor Operators	\$8.30	\$13.98	\$8.81	\$11.72	\$17.32
19-3032	Industrial-Organizational Psychologists	\$22.57	\$30.43	\$28.32	\$32.17	\$35.18
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	\$6.81	\$12.33	\$7.18	\$10.09	\$15.18
49-0000	Installation, Maintenance, and Repair Occupations	\$9.81	\$17.59	\$11.51	\$16.88	\$22.88

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
49-9099	Installation, Maintenance, and Repair Workers, All Other	\$9.48	\$18.39	\$10.93	\$18.72	\$25.72
25-9031	Instructional Coordinators	\$19.12	\$27.82	\$23.11	\$28.86	\$33.52
47-2130	Insulation Workers	\$8.35	\$14.00	\$8.97	\$12.62	\$15.59
13-1032	Insurance Appraisers, Auto Damage	\$16.87	\$21.61	\$18.54	\$21.51	\$24.92
43-9041	Insurance Claims and Policy Processing Clerks	\$13.50	\$17.53	\$14.36	\$15.85	\$17.31
41-3021	Insurance Sales Agents	\$11.15	\$22.30	\$14.16	\$17.44	\$24.92
13-2053	Insurance Underwriters	\$16.85	\$26.72	\$18.62	\$25.29	\$33.21
27-1025	Interior Designers	\$20.35	\$27.97	\$23.41	\$27.83	\$34.02
29-1063	Internists, General	\$49.80	\$59.70	\$52.92	\$60.40	\$69.65
27-3091	Interpreters and Translators	\$11.87	\$16.67	\$13.26	\$15.75	\$19.13
43-4111	Interviewers, Except Eligibility and Loan	\$8.74	\$13.61	\$10.37	\$12.71	\$15.91
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	\$7.22	\$10.42	\$7.61	\$9.11	\$12.37
51-9071	Jewelers and Precious Stone and Metal Workers	\$6.75*	\$10.44	\$6.99	\$8.49	\$12.16
51-5021	Job Printers	\$11.60	\$18.12	\$13.11	\$16.68	\$21.81
25-2012	Kindergarten Teachers, Except Special Education	(2)	(2)	(2)	(2)	(2)
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	\$6.97	\$9.81	\$7.39	\$8.81	\$11.30
37-3011	Landscaping and Groundskeeping Workers	\$7.35	\$10.53	\$7.73	\$9.04	\$12.19
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$8.89	\$13.65	\$10.18	\$13.05	\$16.79
51-6011	Laundry and Dry-Cleaning Workers	\$6.75*	\$8.10	\$6.83	\$7.74	\$8.74
23-2092	Law Clerks	\$12.82	\$16.91	\$13.75	\$16.10	\$19.19

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
25-1112	Law Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
23-1011	Lawyers	\$34.02	\$51.33	\$39.69	\$52.72	\$61.54
51-4192	Lay-Out Workers, Metal and Plastic	\$9.27	\$14.81	\$10.37	\$14.65	\$18.03
23-0000	Legal Occupations	\$19.48	\$39.49	\$22.91	\$37.39	\$57.64
43-6012	Legal Secretaries	\$12.32	\$18.16	\$13.00	\$18.78	\$22.03
11-1031	Legislators	\$17.79	\$21.16	\$18.66	\$20.26	\$21.83
25-4021	Librarians	\$19.58	\$26.71	\$21.89	\$26.01	\$31.27
43-4121	Library Assistants, Clerical	\$8.55	\$12.32	\$9.29	\$12.28	\$14.48
25-4031	Library Technicians	\$12.36	\$16.20	\$14.26	\$16.25	\$17.97
29-2061	Licensed Practical and Licensed Vocational Nurses	\$14.53	\$17.90	\$15.11	\$16.73	\$19.14
19-0000	Life, Physical, and Social Science Occupations	\$13.80	\$24.77	\$16.22	\$23.41	\$31.25
13-2071	Loan Counselors	\$12.68	\$29.00	\$13.57	\$26.21	\$45.37
43-4131	Loan Interviewers and Clerks	\$11.47	\$15.26	\$12.29	\$14.51	\$17.42
13-2072	Loan Officers	\$17.43	\$30.90	\$20.02	\$27.22	\$39.53
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	\$6.90	\$9.92	\$7.15	\$8.40	\$11.55
49-9094	Locksmiths and Safe Repairers	\$10.52	\$16.43	\$10.73	\$17.76	\$20.08
11-9081	Lodging Managers	\$14.55	\$21.69	\$15.97	\$20.81	\$26.85
53-7063	Machine Feeders and Offbearers	\$7.64	\$10.10	\$8.07	\$9.57	\$11.57
51-4041	Machinists	\$9.77	\$15.72	\$11.18	\$14.64	\$19.50
37-2012	Maids and Housekeeping Cleaners	\$7.18	\$8.64	\$7.39	\$8.30	\$9.66

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	\$7.35	\$10.63	\$7.84	\$10.17	\$12.64
49-9042	Maintenance and Repair Workers, General	\$8.50	\$15.41	\$10.01	\$14.38	\$19.91
49-9043	Maintenance Workers, Machinery	\$9.91	\$16.99	\$11.46	\$16.01	\$21.62
39-5091	Makeup Artists, Theatrical and Performance	\$11.98	\$22.68	\$15.25	\$22.02	\$32.00
13-1111	Management Analysts	\$21.42	\$35.51	\$24.97	\$32.60	\$45.14
11-0000	Management Occupations	\$22.36	\$41.28	\$27.32	\$39.59	\$55.00
11-9199	Managers, All Other	\$23.02	\$38.21	\$26.78	\$35.91	\$48.34
39-5092	Manicurists and Pedicurists	\$6.75*	\$10.89	\$6.75*	\$9.98	\$14.28
19-3021	Market Research Analysts	\$14.45	\$25.07	\$16.49	\$23.84	\$31.10
11-2021	Marketing Managers	\$25.06	\$42.00	\$29.24	\$40.70	\$53.96
21-1013	Marriage and Family Therapists	\$9.67	\$13.59	\$9.74	\$10.86	\$13.51
31-9011	Massage Therapists	\$7.37	\$17.16	\$7.91	\$13.38	\$22.96
53-7199	Material Moving Workers, All Other	\$8.43	\$15.80	\$9.69	\$14.29	\$21.49
17-2131	Materials Engineers	\$17.36	\$27.52	\$20.19	\$28.13	\$34.67
19-2032	Materials Scientists	\$21.98	\$32.95	\$25.34	\$32.47	\$41.35
25-1022	Mathematical Science Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
15-2099	Mathematical Scientists, All Other	\$24.26	\$24.95	\$23.34	\$24.90	\$26.44
15-2091	Mathematical Technicians	\$9.33	\$16.41	\$10.14	\$15.02	\$19.64
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	\$6.75*	\$8.82	\$7.00	\$8.10	\$10.18
17-3013	Mechanical Drafters	\$13.75	\$20.95	\$15.67	\$19.87	\$25.75

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
17-3027	Mechanical Engineering Technicians	\$12.37	\$18.83	\$13.65	\$17.18	\$23.12
17-2141	Mechanical Engineers	\$23.46	\$33.75	\$26.65	\$32.86	\$40.74
27-4099	Media and Communication Equipment Workers, All Other	\$11.51	\$16.79	\$12.82	\$16.18	\$19.01
27-3099	Media and Communication Workers, All Other	\$11.23	\$19.19	\$13.22	\$16.97	\$22.46
29-2012	Medical and Clinical Laboratory Technicians	\$11.24	\$16.06	\$12.57	\$15.42	\$18.56
29-2011	Medical and Clinical Laboratory Technologists	\$20.16	\$26.16	\$22.75	\$26.00	\$29.34
11-9111	Medical and Health Services Managers	\$23.16	\$37.07	\$27.41	\$34.87	\$45.25
21-1022	Medical and Public Health Social Workers	\$14.83	\$20.47	\$16.37	\$19.87	\$23.58
51-9082	Medical Appliance Technicians	\$9.11	\$16.50	\$10.22	\$14.64	\$19.14
31-9092	Medical Assistants	\$9.34	\$12.79	\$10.25	\$12.20	\$14.38
31-9093	Medical Equipment Preparers	\$9.68	\$12.77	\$10.86	\$12.58	\$14.08
49-9062	Medical Equipment Repairers	\$11.54	\$15.55	\$12.86	\$15.33	\$17.44
29-2071	Medical Records and Health Information Technicians	\$9.84	\$14.47	\$10.78	\$13.22	\$16.89
19-1042	Medical Scientists, Except Epidemiologists	\$15.21	\$26.66	\$17.37	\$24.56	\$32.27
43-6013	Medical Secretaries	\$12.67	\$15.11	\$14.03	\$15.34	\$16.69
31-9094	Medical Transcriptionists	\$14.22	\$17.47	\$15.60	\$17.85	\$20.06
13-1121	Meeting and Convention Planners	\$12.44	\$19.67	\$14.37	\$19.07	\$23.59
21-1023	Mental Health and Substance Abuse Social Workers	\$11.50	\$16.91	\$12.81	\$15.85	\$20.72
21-1014	Mental Health Counselors	\$11.27	\$15.88	\$11.94	\$13.67	\$19.41
27-1026	Merchandise Displayers and Window Trimmers	\$7.34	\$10.84	\$8.01	\$10.13	\$12.45

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
51-4199	Metal Workers and Plastic Workers, All Other	\$6.90	\$9.87	\$7.36	\$9.05	\$11.29
51-4051	Metal-Refining Furnace Operators and Tenders	\$9.22	\$12.45	\$9.73	\$11.16	\$13.15
19-1022	Microbiologists	\$17.45	\$26.05	\$20.30	\$25.73	\$30.05
25-2022	Middle School Teachers, Except Special and Vocational Education	(2)	(2)	(2)	(2)	(2)
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	\$8.18	\$12.93	\$8.73	\$12.74	\$16.30
49-9044	Millwrights	\$9.35	\$18.39	\$11.35	\$18.05	\$25.30
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	\$8.07	\$12.75	\$8.93	\$12.21	\$16.11
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	\$15.16	\$21.89	\$17.33	\$21.05	\$26.89
51-4061	Model Makers, Metal and Plastic	\$9.95	\$17.06	\$11.09	\$16.55	\$23.55
51-7031	Model Makers, Wood	\$9.81	\$14.26	\$10.31	\$12.61	\$17.52
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	\$6.75*	\$9.29	\$6.90	\$8.25	\$10.68
39-3021	Motion Picture Projectionists	\$10.64	\$12.05	\$11.44	\$12.24	\$13.05
53-3099	Motor Vehicle Operators, All Other	\$7.53	\$12.14	\$8.01	\$10.31	\$15.68
49-3051	Motorboat Mechanics	\$9.81	\$14.30	\$10.23	\$14.31	\$16.54
53-5022	Motorboat Operators	\$11.07	\$20.31	\$13.07	\$20.96	\$26.44
49-3052	Motorcycle Mechanics	\$9.83	\$15.28	\$11.33	\$15.15	\$18.05
27-1014	Multi-Media Artists and Animators	\$19.03	\$30.69	\$22.74	\$28.99	\$38.07
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$7.80	\$12.05	\$8.34	\$10.54	\$15.33
27-2041	Music Directors and Composers	(2)	(2)	(2)	(2)	(2)

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
49-9063	Musical Instrument Repairers and Tuners	\$13.35	\$14.84	\$14.11	\$15.23	\$16.36
27-2042	Musicians and Singers	(2)	(2)	(2)	(2)	(2)
11-9121	Natural Sciences Managers	\$23.84	\$39.23	\$26.69	\$35.64	\$50.97
15-1071	Network and Computer Systems Administrators	\$19.77	\$28.97	\$22.34	\$27.59	\$34.27
15-1081	Network Systems and Data Communications Analysts	\$17.52	\$29.05	\$22.28	\$28.73	\$35.55
43-4141	New Accounts Clerks	\$9.96	\$13.58	\$10.55	\$13.04	\$16.19
27-3020	News Analysts, Reporters and Correspondents	\$11.70	\$25.34	\$13.08	\$18.66	\$32.69
39-2021	Nonfarm Animal Caretakers	\$6.75*	\$9.04	\$6.90	\$7.72	\$10.10
29-2033	Nuclear Medicine Technologists	\$23.43	\$27.67	\$24.75	\$27.76	\$31.56
51-4012	Numerical Tool and Process Control Programmers	\$13.86	\$21.06	\$14.91	\$19.20	\$25.04
31-1012	Nursing Aides, Orderlies, and Attendants	\$7.87	\$9.81	\$8.18	\$9.28	\$10.97
25-1072	Nursing Instructors and Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
29-1064	Obstetricians and Gynecologists	\$39.28	(3)	\$41.91	>\$70.00	>\$70.00
29-9010	Occupational Health and Safety Specialists and Technicians	\$18.22	\$26.79	\$21.70	\$27.63	\$32.38
31-2012	Occupational Therapist Aides	\$8.06	\$11.16	\$9.03	\$10.16	\$11.64
31-2011	Occupational Therapist Assistants	\$15.43	\$20.07	\$15.98	\$18.53	\$22.89
29-1122	Occupational Therapists	\$17.70	\$25.43	\$19.95	\$25.82	\$30.58
43-0000	Office and Administrative Support Occupations	\$9.24	\$14.78	\$10.59	\$13.84	\$17.94
43-9061	Office Clerks, General	\$8.47	\$12.31	\$9.39	\$11.87	\$14.85
43-9071	Office Machine Operators, Except Computer	\$8.68	\$12.40	\$9.25	\$11.07	\$14.22

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
47-2073	Operating Engineers and Other Construction Equipment Operators	\$20.41	\$28.26	\$22.77	\$29.54	\$33.89
15-2031	Operations Research Analysts	\$19.88	\$29.26	\$22.39	\$27.81	\$34.41
51-9083	Ophthalmic Laboratory Technicians	\$7.94	\$12.95	\$8.30	\$10.61	\$15.69
29-2081	Opticians, Dispensing	\$11.54	\$15.29	\$12.25	\$14.44	\$17.12
29-1041	Optometrists	\$31.69	\$44.41	\$34.62	\$40.40	\$47.94
43-4151	Order Clerks	\$8.63	\$13.12	\$9.96	\$12.31	\$16.02
29-2091	Orthotists and Prosthetists	\$17.99	\$24.31	\$21.88	\$24.56	\$27.13
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	\$12.67	\$15.92	\$14.65	\$16.41	\$17.95
51-9111	Packaging and Filling Machine Operators and Tenders	\$7.10	\$10.43	\$7.29	\$8.50	\$12.78
53-7064	Packers and Packagers, Hand	\$6.75*	\$8.04	\$6.75*	\$7.47	\$8.65
47-2141	Painters, Construction and Maintenance	\$8.82	\$15.23	\$10.24	\$13.60	\$19.43
51-9122	Painters, Transportation Equipment	\$8.78	\$17.26	\$10.02	\$16.35	\$23.70
51-9123	Painting, Coating, and Decorating Workers	\$6.75*	\$9.70	\$6.97	\$8.46	\$11.96
51-9196	Paper Goods Machine Setters, Operators, and Tenders	\$8.10	\$14.11	\$9.02	\$13.59	\$18.98
47-2142	Paperhangers	\$16.45	\$20.59	\$18.40	\$21.14	\$23.97
23-2011	Paralegals and Legal Assistants	\$20.38	\$26.51	\$22.38	\$25.63	\$29.55
33-3041	Parking Enforcement Workers	\$13.68	\$17.04	\$14.87	\$17.39	\$19.56
53-6021	Parking Lot Attendants	\$6.75*	\$7.56	\$6.78	\$7.40	\$8.31
41-2022	Parts Salespersons	\$7.01	\$12.78	\$7.98	\$11.14	\$15.88
51-4062	Patternmakers, Metal and Plastic	\$8.61	\$14.64	\$9.89	\$14.42	\$19.38

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
51-7032	Patternmakers, Wood	\$8.22	\$13.06	\$9.22	\$10.56	\$16.36
47-2071	Paving, Surfacing, and Tamping Equipment Operators	\$13.24	\$23.62	\$15.18	\$21.30	\$32.23
43-3051	Payroll and Timekeeping Clerks	\$11.95	\$16.42	\$13.36	\$16.16	\$19.01
29-1065	Pediatricians, General	\$16.47	\$39.90	\$17.49	\$28.93	\$61.00
39-9021	Personal and Home Care Aides	\$7.27	\$10.46	\$7.48	\$8.33	\$9.54
39-0000	Personal Care and Service Occupations	\$6.86	\$12.22	\$7.29	\$9.18	\$13.83
39-9099	Personal Care and Service Workers, All Other	\$8.96	\$13.12	\$10.30	\$13.08	\$16.01
13-2052	Personal Financial Advisors	\$18.97	\$38.46	\$21.13	\$31.71	\$56.42
37-2021	Pest Control Workers	\$8.07	\$11.51	\$8.26	\$9.57	\$11.37
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	\$9.52	\$11.91	\$9.65	\$10.73	\$13.38
17-2171	Petroleum Engineers	\$31.11	\$40.49	\$35.10	\$40.20	\$46.70
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	\$21.81	\$26.57	\$23.69	\$26.09	\$28.71
29-1051	Pharmacists	\$34.64	\$41.92	\$37.90	\$41.52	\$45.25
31-9095	Pharmacy Aides	\$8.71	\$12.00	\$9.88	\$12.33	\$13.89
29-2052	Pharmacy Technicians	\$11.66	\$15.02	\$12.62	\$14.65	\$16.68
25-1126	Philosophy and Religion Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
27-4021	Photographers	\$7.41	\$13.00	\$7.82	\$9.82	\$17.00
51-9131	Photographic Process Workers	\$8.34	\$16.10	\$9.12	\$15.42	\$21.59
51-9132	Photographic Processing Machine Operators	\$9.94	\$16.91	\$11.36	\$18.71	\$21.38
19-2099	Physical Scientists, All Other	\$17.68	\$33.30	\$22.61	\$32.17	\$44.39

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
31-2022	Physical Therapist Aides	\$8.32	\$10.29	\$8.90	\$10.12	\$11.57
31-2021	Physical Therapist Assistants	\$16.85	\$22.31	\$18.92	\$21.87	\$26.33
29-1123	Physical Therapists	\$22.46	\$31.91	\$25.72	\$31.52	\$38.19
29-1071	Physician Assistants	\$22.88	\$34.64	\$27.10	\$37.34	\$42.19
29-1069	Physicians and Surgeons, All Other	\$39.24	(3)	\$56.95	>\$70.00	>\$70.00
25-1054	Physics Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
47-2072	Pile-Driver Operators	\$22.95	\$28.98	\$25.67	\$29.66	\$33.98
47-2151	Pipelayers	\$16.38	\$24.93	\$17.91	\$24.25	\$30.48
51-8099	Plant and System Operators, All Other	\$9.54	\$18.73	\$12.59	\$18.42	\$24.85
47-2161	Plasterers and Stucco Masons	\$10.29	\$13.96	\$11.35	\$12.78	\$16.75
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	\$7.70	\$10.67	\$8.40	\$10.13	\$12.40
47-2152	Plumbers, Pipefitters, and Steamfitters	\$10.56	\$19.69	\$11.88	\$18.49	\$27.39
29-1081	Podiatrists	\$28.69	\$33.59	\$29.71	\$32.09	\$34.45
43-5031	Police, Fire, and Ambulance Dispatchers	\$16.43	\$20.00	\$17.90	\$20.10	\$21.97
25-1065	Political Science Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
51-4052	Pourers and Casters, Metal	\$7.51	\$10.43	\$8.31	\$10.19	\$12.24
51-8013	Power Plant Operators	\$21.26	\$27.00	\$23.21	\$28.40	\$31.72
49-9069	Precision Instrument and Equipment Repairers, All Other	\$13.68	\$20.07	\$15.71	\$21.48	\$24.41
51-5022	Prepress Technicians and Workers	\$9.68	\$17.53	\$10.97	\$15.95	\$23.50
25-2011	Preschool Teachers, Except Special Education	\$7.35	\$11.18	\$7.90	\$9.57	\$13.21

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
51-6021	Pressers, Textile, Garment, and Related Materials	\$6.92	\$9.09	\$7.25	\$8.16	\$9.55
51-5023	Printing Machine Operators	\$8.18	\$13.78	\$8.99	\$12.42	\$17.47
33-9021	Private Detectives and Investigators	\$10.55	\$16.67	\$11.42	\$17.14	\$20.33
43-3061	Procurement Clerks	\$10.90	\$16.08	\$12.27	\$15.65	\$18.76
27-2012	Producers and Directors	(2)	(2)	(2)	(2)	(2)
51-0000	Production Occupations	\$7.02	\$11.74	\$7.40	\$9.42	\$14.02
51-9199	Production Workers, All Other	\$6.75*	\$9.68	\$7.05	\$8.29	\$11.26
43-5061	Production, Planning, and Expediting Clerks	\$10.82	\$16.73	\$11.67	\$14.38	\$20.55
43-9081	Proofreaders and Copy Markers	\$9.01	\$13.14	\$9.76	\$11.91	\$15.88
11-9141	Property, Real Estate, and Community Association Managers	\$7.98	\$18.24	\$9.23	\$13.24	\$24.71
33-0000	Protective Service Occupations	\$7.78	\$16.55	\$8.27	\$11.96	\$22.70
31-1013	Psychiatric Aides	\$9.84	\$11.66	\$10.20	\$11.57	\$13.05
29-2053	Psychiatric Technicians	\$14.68	\$17.79	\$15.82	\$18.12	\$20.26
29-1066	Psychiatrists	\$45.00	\$55.25	\$51.03	\$56.79	\$60.77
25-1066	Psychology Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
11-2031	Public Relations Managers	\$23.82	\$35.63	\$27.14	\$33.50	\$42.63
27-3031	Public Relations Specialists	\$15.58	\$24.54	\$17.71	\$23.10	\$28.26
53-7072	Pump Operators, Except Wellhead Pumps	\$10.56	\$17.49	\$12.23	\$14.89	\$25.07
13-1021	Purchasing Agents and Buyers, Farm Products	\$17.98	\$26.55	\$20.20	\$25.37	\$31.78
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	\$15.26	\$24.39	\$17.71	\$23.35	\$29.86

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
11-3061	Purchasing Managers	\$21.46	\$35.79	\$24.42	\$32.55	\$43.44
29-1124	Radiation Therapists	\$25.83	\$31.09	\$27.73	\$31.23	\$35.03
49-2021	Radio Mechanics	\$9.87	\$14.30	\$10.92	\$14.19	\$17.10
27-4013	Radio Operators	\$11.62	\$22.08	\$14.42	\$20.92	\$31.18
29-2034	Radiologic Technologists and Technicians	\$17.40	\$21.30	\$18.90	\$21.17	\$24.07
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	\$15.54	\$17.65	\$15.79	\$17.41	\$19.76
41-9021	Real Estate Brokers	\$19.73	(3)	\$21.49	\$49.58	>\$70.00
41-9022	Real Estate Sales Agents	\$7.19	\$17.00	\$7.27	\$8.42	\$19.07
43-4171	Receptionists and Information Clerks	\$8.11	\$11.46	\$8.93	\$11.02	\$13.52
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
39-9032	Recreation Workers	\$7.27	\$9.86	\$7.75	\$9.38	\$10.81
29-1125	Recreational Therapists	\$11.11	\$17.06	\$13.68	\$17.48	\$20.93
49-3092	Recreational Vehicle Service Technicians	\$9.49	\$13.84	\$11.12	\$14.14	\$16.34
53-7081	Refuse and Recyclable Material Collectors	\$10.15	\$14.91	\$12.06	\$14.35	\$18.12
29-1111	Registered Nurses	\$21.85	\$27.25	\$23.69	\$27.18	\$31.52
21-1015	Rehabilitation Counselors	\$7.52	\$13.55	\$8.36	\$12.60	\$17.37
47-2171	Reinforcing Iron and Rebar Workers	\$14.57	\$21.69	\$17.09	\$23.26	\$26.34
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	\$9.54	\$14.30	\$10.16	\$12.25	\$18.93
39-9041	Residential Advisors	\$8.58	\$12.73	\$9.59	\$11.21	\$15.20
29-1126	Respiratory Therapists	\$17.43	\$20.68	\$18.19	\$20.33	\$22.59

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
29-2054	Respiratory Therapy Technicians	\$16.78	\$20.52	\$18.09	\$20.49	\$23.31
41-2031	Retail Salespersons	\$6.97	\$10.67	\$7.34	\$8.72	\$11.58
49-9096	Riggers	\$9.43	\$15.33	\$10.10	\$13.24	\$20.78
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	\$6.96	\$10.27	\$7.54	\$9.47	\$12.51
47-2181	Roofers	\$10.61	\$16.57	\$11.76	\$16.63	\$20.62
47-5071	Roustabouts, Oil and Gas	\$13.51	\$17.04	\$15.07	\$17.20	\$19.64
53-5011	Sailors and Marine Oilers	\$12.13	\$20.22	\$14.63	\$19.83	\$22.16
41-0000	Sales and Related Occupations	\$7.16	\$15.38	\$7.80	\$10.99	\$18.63
41-9031	Sales Engineers	\$21.53	\$34.82	\$24.37	\$31.62	\$42.39
11-2022	Sales Managers	\$24.02	\$41.70	\$27.95	\$39.25	\$55.48
41-3099	Sales Representatives, Services, All Other	\$11.27	\$26.71	\$14.21	\$20.82	\$36.89
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Product	\$11.91	\$23.13	\$14.04	\$20.42	\$27.80
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	\$16.81	\$32.36	\$20.79	\$31.18	\$41.01
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	\$7.73	\$10.69	\$8.21	\$10.55	\$12.87
25-2031	Secondary School Teachers, Except Special and Vocational Education	(2)	(2)	(2)	(2)	(2)
43-6014	Secretaries, Except Legal, Medical, and Executive	\$10.60	\$15.08	\$11.84	\$14.78	\$17.98
41-3031	Securities, Commodities, and Financial Services Sales Agents	\$15.65	\$34.88	\$18.77	\$29.78	\$47.63
49-2098	Security and Fire Alarm Systems Installers	\$8.98	\$13.74	\$9.76	\$12.94	\$17.02
33-9032	Security Guards	\$7.64	\$9.44	\$7.68	\$8.44	\$10.08

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
25-3021	Self-Enrichment Education Teachers	\$10.16	\$16.93	\$11.84	\$14.80	\$20.21
51-9141	Semiconductor Processors	\$7.15	\$11.28	\$7.92	\$10.17	\$13.69
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and	\$11.07	\$16.02	\$12.28	\$15.28	\$19.86
53-6031	Service Station Attendants	\$6.90	\$10.48	\$7.23	\$9.21	\$14.31
47-5013	Service Unit Operators, Oil, Gas, and Mining	\$17.41	\$19.21	\$17.70	\$19.00	\$20.70
27-1027	Set and Exhibit Designers	\$14.78	\$23.23	\$17.36	\$22.69	\$28.63
51-6051	Sewers, Hand	\$7.54	\$9.42	\$7.76	\$8.84	\$10.47
51-6031	Sewing Machine Operators	\$6.75*	\$7.75	\$6.75*	\$7.31	\$8.47
47-2211	Sheet Metal Workers	\$9.43	\$17.11	\$10.89	\$15.07	\$22.07
43-5071	Shipping, Receiving, and Traffic Clerks	\$7.74	\$11.45	\$8.48	\$10.62	\$13.62
51-6041	Shoe and Leather Workers and Repairers	\$6.78	\$8.49	\$7.05	\$7.97	\$9.38
51-6042	Shoe Machine Operators and Tenders	\$6.98	\$8.07	\$7.20	\$7.98	\$8.79
39-5094	Skin Care Specialists	\$6.75*	\$12.81	\$6.75*	\$10.72	\$16.72
51-3023	Slaughterers and Meat Packers	\$6.75*	\$10.31	\$6.95	\$9.04	\$13.32
39-1012	Slot Key Persons	\$7.13	\$14.28	\$7.35	\$9.87	\$22.93
11-9151	Social and Community Service Managers	\$17.43	\$26.59	\$19.36	\$24.82	\$31.86
21-1093	Social and Human Service Assistants	\$8.86	\$13.33	\$9.78	\$12.07	\$14.89
25-1067	Sociology Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
27-4014	Sound Engineering Technicians	\$12.51	\$22.89	\$15.26	\$20.77	\$29.19
25-2042	Special Education Teachers, Middle School	(2)	(2)	(2)	(2)	(2)

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	(2)	(2)	(2)	(2)	(2)
25-2043	Special Education Teachers, Secondary School	(2)	(2)	(2)	(2)	(2)
29-1127	Speech-Language Pathologists	\$22.18	\$29.80	\$25.14	\$29.80	\$35.19
51-8021	Stationary Engineers and Boiler Operators	\$13.74	\$20.97	\$15.39	\$22.01	\$25.87
43-9111	Statistical Assistants	\$14.51	\$16.38	\$14.59	\$15.68	\$16.81
15-2041	Statisticians	\$28.38	\$37.87	\$35.44	\$38.97	\$42.53
43-5081	Stock Clerks and Order Fillers	\$7.25	\$11.36	\$7.77	\$9.81	\$13.89
47-2221	Structural Iron and Steel Workers	\$13.77	\$22.20	\$16.49	\$23.47	\$27.59
51-2041	Structural Metal Fabricators and Fitters	\$9.48	\$13.97	\$10.41	\$12.93	\$16.71
21-1011	Substance Abuse and Behavioral Disorder Counselors	\$10.28	\$14.88	\$11.37	\$13.55	\$16.89
29-1067	Surgeons	\$49.75	(3)	\$58.46	\$66.86	>\$70.00
29-2055	Surgical Technologists	\$13.30	\$16.96	\$14.85	\$16.94	\$19.71
19-3022	Survey Researchers	\$8.78	\$21.17	\$9.49	\$20.32	\$28.58
17-3031	Surveying and Mapping Technicians	\$14.00	\$20.48	\$15.98	\$20.21	\$24.83
17-1022	Surveyors	\$23.27	\$29.36	\$26.08	\$30.27	\$33.47
43-2011	Switchboard Operators, Including Answering Service	\$8.90	\$11.52	\$9.62	\$11.27	\$13.25
51-6052	Tailors, Dressmakers, and Custom Sewers	\$8.04	\$13.11	\$8.51	\$13.02	\$16.43
53-7121	Tank Car, Truck, and Ship Loaders	\$11.94	\$18.64	\$13.26	\$16.72	\$24.82
47-2082	Tapers	\$16.07	\$21.17	\$18.99	\$22.09	\$25.18
13-2081	Tax Examiners, Collectors, and Revenue Agents	\$20.96	\$29.07	\$23.43	\$29.49	\$34.74
13-2082	Tax Preparers	\$11.26	\$23.51	\$13.16	\$22.32	\$31.78

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
53-3041	Taxi Drivers and Chauffeurs	\$6.75*	\$10.47	\$7.20	\$9.09	\$12.35
25-9041	Teacher Assistants	(2)	(2)	(2)	(2)	(2)
51-2092	Team Assemblers	\$7.09	\$10.16	\$7.48	\$9.04	\$11.26
27-3042	Technical Writers	\$22.73	\$28.32	\$23.96	\$26.39	\$29.29
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	\$15.25	\$21.36	\$18.14	\$22.68	\$25.92
49-9052	Telecommunications Line Installers and Repairers	\$12.91	\$20.60	\$14.59	\$22.00	\$25.70
41-9041	Telemarketers	\$7.04	\$10.90	\$7.72	\$9.69	\$13.09
43-3071	Tellers	\$8.81	\$10.62	\$9.22	\$10.20	\$11.44
47-2053	Terrazzo Workers and Finishers	\$9.75	\$12.68	\$9.54	\$10.39	\$15.75
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	\$6.75*	\$7.54	\$6.75*	\$6.92	\$8.40
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	\$6.75*	\$9.11	\$6.75*	\$8.51	\$11.11
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	\$6.75*	\$7.90	\$6.75*	\$7.30	\$8.60
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	\$6.83	\$9.41	\$7.25	\$9.34	\$10.91
51-6099	Textile, Apparel, and Furnishings Workers, All Other	\$7.35	\$9.21	\$7.54	\$8.41	\$9.89
47-2044	Tile and Marble Setters	\$12.22	\$18.86	\$13.90	\$17.68	\$24.24
49-3093	Tire Repairers and Changers	\$7.97	\$11.28	\$8.13	\$9.58	\$15.01
23-2093	Title Examiners, Abstractors, and Searchers	\$13.63	\$20.76	\$15.08	\$17.50	\$24.67
51-4111	Tool and Die Makers	\$11.06	\$19.35	\$13.59	\$19.63	\$24.61
51-4194	Tool Grinders, Filers, and Sharpeners	\$7.60	\$11.84	\$8.19	\$10.32	\$13.79
39-6021	Tour Guides and Escorts	\$6.93	\$10.89	\$7.25	\$9.51	\$12.17
53-6041	Traffic Technicians	\$17.69	\$22.55	\$19.33	\$21.82	\$25.70

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
13-1073	Training and Development Specialists	\$16.26	\$24.62	\$18.43	\$22.86	\$29.49
53-0000	Transportation and Material Moving Occupations	\$7.17	\$12.51	\$7.69	\$9.97	\$15.00
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	\$7.62	\$10.23	\$7.88	\$9.05	\$11.30
53-6051	Transportation Inspectors	\$18.56	\$27.46	\$22.56	\$26.68	\$33.74
11-3071	Transportation, Storage, and Distribution Managers	\$20.27	\$32.24	\$22.68	\$29.97	\$39.23
41-3041	Travel Agents	\$7.34	\$13.78	\$8.66	\$13.27	\$18.01
39-6022	Travel Guides	\$7.80	\$12.64	\$8.30	\$10.67	\$12.59
37-3013	Tree Trimmers and Pruners	\$10.31	\$12.53	\$10.51	\$11.71	\$13.70
53-3032	Truck Drivers, Heavy and Tractor-Trailer	\$12.93	\$16.97	\$14.31	\$16.80	\$19.96
53-3033	Truck Drivers, Light or Delivery Services	\$7.61	\$12.07	\$8.46	\$11.24	\$14.85
51-6093	Upholsterers	\$7.15	\$10.83	\$8.22	\$10.69	\$13.13
19-3051	Urban and Regional Planners	\$17.98	\$25.20	\$22.08	\$25.85	\$29.25
39-3031	Ushers, Lobby Attendants, and Ticket Takers	\$6.75*	\$8.04	\$6.78	\$7.32	\$8.59
29-1131	Veterinarians	\$28.14	\$45.58	\$32.71	\$43.31	\$60.94
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	\$6.75*	\$8.68	\$6.75*	\$7.89	\$8.96
29-2056	Veterinary Technologists and Technicians	\$8.94	\$11.63	\$9.41	\$10.69	\$13.87
25-2023	Vocational Education Teachers, Middle School	(2)	(2)	(2)	(2)	(2)
25-1194	Vocational Education Teachers, Postsecondary	\$13.49	\$21.09	\$15.27	\$18.81	\$24.80
25-2032	Vocational Education Teachers, Secondary School	(2)	(2)	(2)	(2)	(2)
35-3031	Waiters and Waitresses	\$6.75*	\$7.30	\$6.75*	\$6.96	\$8.02
49-9064	Watch Repairers	\$10.71	\$14.53	\$11.94	\$13.58	\$16.99

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
51-8031	Water and Liquid Waste Treatment Plant and System Operators	\$18.54	\$24.01	\$22.24	\$24.83	\$27.47
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	\$8.06	\$14.01	\$8.82	\$12.37	\$18.05
51-4121	Welders, Cutters, Solderers, and Brazers	\$8.48	\$13.62	\$9.34	\$12.48	\$16.69
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	\$7.57	\$11.58	\$8.25	\$10.12	\$13.44
53-7073	Wellhead Pumpers	\$13.68	\$17.62	\$14.45	\$17.81	\$20.83
13-1022	Wholesale and Retail Buyers, Except Farm Products	\$14.15	\$26.54	\$16.11	\$21.78	\$29.76
51-7099	Woodworkers, All Other	\$6.75*	\$8.40	\$6.99	\$7.91	\$9.39
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	\$7.10	\$9.47	\$7.39	\$8.63	\$10.82
43-9022	Word Processors and Typists	\$11.80	\$14.65	\$12.45	\$13.84	\$15.87
27-3043	Writers and Authors	\$18.16	\$33.60	\$21.47	\$26.44	\$37.01
19-1023	Zoologists and Wildlife Biologists	\$18.04	\$25.67	\$20.44	\$27.25	\$31.54

Data

- (1) The mean of the first third of the wage distribution is provided as a proxy for entry-level wage
 - (2) For some occupations, workers may not work full-time all year-round. For these occupations it is not feasible to calculate an hourly wage.
 - (3) For occupations where a substantial portion of workers earn more than \$70.00 per hour (the top step in the 2001 OES survey), the mean hourly and annual wages cannot be reliably calculated. This may occasionally apply to the entry-level wage as well.
 - (4) An estimate of employment could not be provided.
 - (5) The "Mean Relative Standard Error" is a measure of the relative precision of the wage estimate. A low number denotes relatively high validity.
- * The survey reference date was in the fourth quarter of 2001, when the California minimum wage was \$6.25 per hour. Since these wages were updated to 2002, and the minimum wage changed to \$6.75 per hour on January 1, 2002, wages below \$6.75 were set to \$6.75 per hour.

Source: Employment Development Department
Labor Market Information Division
(916) 262-2162

Projections & Planning Information

Module F:

Social & Economic Data

Table of Contents

PAGE

Module F: Social / Economic Data

Introduction.....	
Public Assistance Recipients by Program.....	F-1
Public Assistance Recipients by Program (CalWORKs) Characteristics of Recipients, 16 Years and Older.....	F-2
Occupations with the Greatest Absolute Job Growth.....	F-3
Lower Living Standard Income Levels and Poverty Guidelines.....	F-4
Planning Information for Local Workforce Investment Areas, Selected Characteristics by Age.....	F-7
Profile of General Demographic Characteristics.....	
Explanation of Terms and Concepts.....	F-9

Other Labor Market Information

Nondiscrimination Information.....	F-11
------------------------------------	------

Introduction To Social And Economic Data Tables

The data for the Social and Economic Data Tables were developed from a variety of sources to aid local organizations in identifying target group needs and in making appropriate resource allocations for employment and training activities.

Terms expressed in these tables are those commonly used by the U.S. Department of Commerce, the Bureau of the Census and the various state agencies which supplied the data. (The specified source of the data is noted at the bottom of each table.) To aid users of this publication, these terms are defined in the *Explanation of Terms and Concepts* section at the back of this packet.

Automated Access

Electronic access to current data is available through the Employment Development Department's Internet address at:

www.calmis.ca.gov

For technical assistance or additional information about the Employment Development Department's Labor Market Information Division Internet website, please call (916) 262-2162 or FAX (916) 262-2443 to order other publications.

TABLE 1
PUBLIC ASSISTANCE RECIPIENTS BY PROGRAM
2000 - 2002
LOS ANGELES COUNTY

Recipients by Program	July			CALIFORNIA
	2000	2001	2002	July 2002
California Work Opportunity and Responsibility To Kids (CalWORKs) (a)	636,395	543,130	524,999	1,331,704
Adults	156,001	125,342	114,003	297,063
Children	480,394	417,788	410,996	1,034,641
Food Stamps (b)	558,562	546,206	531,297	1,529,445
General Relief (c)	63,917	60,705	66,793	95,718
Refugee Cash Assistance (d)	473	662	661	1,362
Welfare to Work (e)	84,789	96,810	87,489	266,670

Source: California Department of Social Services

To access detailed reports for county comparisons, visit the California Department of Social Services Internet address at: <http://www.dss.cahwnet.gov/research>

CalWORKs: see report CA 237; Food Stamps: see report DFA 256;

General Relief: see report GR 237; Welfare to Work: see reports WTW 25 and WTW 25A.

(a) Data include foster care children.

(b) Includes those persons receiving public assistance payments and those not receiving public assistance payments.

(c) General Relief data for July 2001 were not available. Data provided are for March 2001.

(d) Refugee Cash Assistance data are for the third quarter and exclude CalWORKs recipients.

(e) With the passage of the Federal Personal Responsibility and Work Opportunity Act of 1996 and California's subsequent implementation of the California Work Opportunity and Responsibility to Kids Act (CalWORKs), the requirement for recipients of aid to participate in work related activities increased significantly. This number represents the number of CalWORKs recipients who have been enrolled or have been sent a notice to participate in Welfare to Work activities. These individuals may be required to participate or be willing to participate in these activities.

TABLE 2
PUBLIC ASSISTANCE RECIPIENTS (CalWORKs)
CHARACTERISTICS OF RECIPIENTS 16 YEARS AND OLDER
2000 - 2002
LOS ANGELES COUNTY

Characteristics	July			CALIFORNIA July 2002
	2000	2001	2002	
Total Recipients 16+ (a) (b)	220,400	188,100	181,820	461,210
Male	42,200	36,020	34,810	88,310
Female	178,270	152,140	147,060	373,040
16-20	46,500	39,680	38,360	97,300
21-44	157,080	134,060	129,580	328,710
45-54	13,450	11,480	11,100	28,150
55+	3,440	2,940	2,840	7,200
White (Not Hispanic)	28,120	22,850	21,960	113,140
Black (Not Hispanic)	64,850	55,220	52,540	101,960
Hispanic	115,070	99,570	97,440	206,470
Asian & Pacific Islander	11,030	9,310	8,740	33,350
American Indian	440	350	310	3,290
Filipino	900	800	840	3,000

(CalWORKs) California Work Opportunity And Responsibility To Kids

Source: California Department of Social Services; U.S. Department of Commerce, Bureau of the Census; Detailed data by sex, age, and race/ethnicity are extrapolations based on aggregate figures provided by the Department of Social Services.

To access the detailed report for county comparisons, visit the California Department of Social Services Internet address at: <http://www.dss.cahwnet.gov/research>
 See report ABCD 350.

(a) Includes children in Two Parent, Zero Parent, All Others and Foster Care cases.

(b) Detail may not add to total due to independent rounding.

TABLE 3
Occupations With The Greatest Absolute Job Growth (1)
1999 - 2006
LOS ANGELES COUNTY

CA OES CODE	OCCUPATION	ANNUAL AVERAGES		NUMBER OF NEW JOBS	PERCENT CHANGE	MEAN ANNUAL WAGE	MEDIAN HOURLY WAGE (3)
		1999(2)	2006				
49011	SALESPERSONS, RETAIL	110,170	126,120	15,950	14.5	\$22,191	\$8.72
63047	GUARDS AND WATCH GUARDS	49,430	64,610	15,180	30.7	\$19,633	\$8.44
19005	GENERAL MANAGERS, TOP EXECUTIVES	108,770	122,320	13,550	12.5	(4)	(4)
55347	GENERAL OFFICE CLERKS	103,090	115,890	12,800	12.4	\$25,613	\$11.87
49023	CASHIERS	82,820	94,550	11,730	14.2	\$19,766	\$8.05
31521	TEACHER AIDES, PARAPROFESSIONAL	28,720	38,740	10,020	34.9	(5)	(5)
67005	JANITORS, CLEANERS-EXCEPT MAIDS	55,070	64,660	9,590	17.4	\$21,691	\$9.11
31308	TEACHERS-SECONDARY SCHOOL	35,650	45,160	9,510	26.7	\$54,297	(6)
31305	TEACHERS-ELEMENTARY SCHOOL	50,870	60,220	9,350	18.4	\$49,625	(6)
97105	TRUCK DRIVERS, LIGHT	40,670	48,260	7,590	18.7	\$25,100	\$11.24
25102	SYSTEMS ANALYSTS-ELEC DATA PROC	12,560	19,750	7,190	57.2	\$64,118	\$30.06
55305	RECEPTIONISTS, INFORMATION CLERKS	49,740	56,150	6,410	12.9	\$23,846	\$11.02
25104	COMPUTER SUPPORT SPECIALISTS	11,800	17,990	6,190	52.5	\$44,713	\$20.40
97102	TRUCK DRIVERS, HEAVY	27,290	32,860	5,570	20.4	\$35,289	\$16.80
65008	WAITERS AND WAITRESSES	50,770	56,100	5,330	10.5	\$15,181	\$6.96
87102	CARPENTERS	19,150	24,460	5,310	27.7	\$43,764	\$20.69
32502	REGISTERED NURSES	51,240	56,520	5,280	10.3	\$56,682	\$27.18
49026	TELEMARKETERS, SOLICITORS & REL	15,720	20,950	5,230	33.3	\$22,666	\$9.69
79041	LABORERS, LANDSCAPING/GROUNDSKEE	28,660	33,640	4,980	17.4	\$21,907	\$9.04
34056	PRODUCERS, DIRECTORS, ACTORS	35,570	39,900	4,330	12.2	(7)	(7)

Source: Employment Development Department, Labor Market Information Division,
Information Services Group and Occupational Employment Statistics Group

(1) Occupational Projections and OES Wages available online at www.calmis.ca.gov

(2) March 2001 Benchmark

(3) Median Hourly Wage is for the Los Angeles - Long Beach Metropolitan Statistical Area (MSA).

(4) General Managers, Top Executives - Include the following Occupations:

Chief Executives, SOC Code 11-1011, Mean Annual Wage See (4a) - Median Hourly Wage \$61.79;

Farm, Ranch and Other Agricultural Managers, SOC Code 11-9011, Mean Annual Wage \$60,230 - Median Hourly Wage \$23.18;

Sales Managers, SOC Code 11-2022, Mean Annual Wage \$86,732 - Median Hourly Wage \$39.25;

Gaming Managers, SOC Code 11-9071, Mean Annual Wage \$83,656 - Median Hourly Wage \$37.73

(4a) For occupations where a substantial portion of workers earn more than \$70.00 per hour (the top step in the 2001 OES survey), the mean hourly and annual wages cannot be reliably calculated. This may occasionally apply to the entry-level wage as well.

(5) Teacher Aides, Paraprofessional - Include the following Occupations:

Teacher Assistants, SOC Code 25-9041, Mean Annual Wage \$24,287 - Median Hourly Wage See (6)

Education, Training, and Library Workers, All Other, SOC Code 25-9199, Mean Annual Wage \$32,361 - Median Hourly Wage \$14.40

(6) For some occupations, workers may not work full-time all year-round. For these occupations it is not feasible to calculate an hourly wage.

(7) Producers, Directors, Actors - Are separated into the following:

Producers and Directors, SOC 27-2012, Mean Annual Wage \$100,007 - Median Hourly Wage See (6)

Actors, SOC 27-2011, Mean Annual Wage \$53,617 - Median Hourly Wage See (6)

TABLE 4
LOWER LIVING STANDARD INCOME LEVEL (LLSIL)
AND POVERTY GUIDELINES
2002

Table 1 — San Diego Metropolitan Statistical Area

San Diego							
	Family Size						
	One Member	Two Member	Three Member	Four Member	Five Member	Six Member	Each Additional Member Add
70% LLSIL (a)							
Annual	\$8,450	\$13,850	\$19,010	\$23,460	\$27,690	\$32,380	\$4,690
6 Months	\$4,225	\$6,925	\$9,505	\$11,730	\$13,845	\$16,190	\$2,345
100%	\$12,070	\$19,780	\$27,150	\$33,510	\$39,550	\$46,250	\$6,700
Poverty Guidelines (a)							
Annual	\$8,860	\$11,940	\$15,020	\$18,100	\$21,180	\$24,260	\$3,080
6 Months	\$4,430	\$5,970	\$7,510	\$9,050	\$10,590	\$12,130	\$1,540

Table 2 — Los Angeles/Riverside/Orange County Metropolitan Statistical Area

Anaheim	Los Angeles County					San Bernardino County	
Carson/Lomita/Torrance	Orange County					SELACO	
Foothill	Riverside County					South Bay	
Long Beach	Santa Ana					Ventura	
Los Angeles City	San Bernardino City					Verdugo	
	Family Size						
	One Member	Two Member	Three Member	Four Member	Five Member	Six Member	Each Additional Member Add
70% LLSIL (a)							
Annual	\$7,900	\$12,940	\$17,770	\$21,930	\$25,880	\$30,270	\$4,390
6 Months	\$3,950	\$6,470	\$8,885	\$10,965	\$12,940	\$15,135	\$2,195
100%	\$11,280	\$18,490	\$25,380	\$31,330	\$36,970	\$43,240	\$6,270
Poverty Guidelines (a)							
Annual	\$8,860	\$11,940	\$15,020	\$18,100	\$21,180	\$24,260	\$3,080
6 Months	\$4,430	\$5,970	\$7,510	\$9,050	\$10,590	\$12,130	\$1,540

TABLE 4
LOWER LIVING STANDARD INCOME LEVEL (LLSIL)
AND POVERTY GUIDELINES
2002

Table 3 — San Francisco/Oakland/San Jose Metropolitan Statistical Area

Alameda	Oakland				Santa Cruz		
Contra Costa	Richmond				Solano		
Marin	San Francisco				Sonoma		
Napa	San Jose						
NOVA	San Mateo						
	Family Size						
	One Member	Two Member	Three Member	Four Member	Five Member	Six Member	Each Additional Member Add
70% LLSIL (a)							
Annual	\$8,570	\$14,040	\$19,270	\$23,790	\$28,080	\$32,840	\$4,760
6 Months	\$4,285	\$7,020	\$9,635	\$11,895	\$14,040	\$16,420	\$2,380
100%	\$12,240	\$20,060	\$27,540	\$33,990	\$40,110	\$46,910	\$6,800
Poverty Guidelines (a)							
Annual	\$8,860	\$11,940	\$15,020	\$18,100	\$21,180	\$24,260	\$3,080
6 Months	\$4,430	\$5,970	\$7,510	\$9,050	\$10,590	\$12,130	\$1,540

Table 4 — Other Metropolitan Areas

Fresno	NoRTEC						Stanislaus
Golden Sierra	North Central						Tulare
Kern/Inyo/Mono	Sacramento						Yolo
Merced	San Joaquin						
Monterey	Santa Barbara						
	Family Size						
	One Member	Two Member	Three Member	Four Member	Five Member	Six Member	Each Additional Member Add
70% LLSIL (a)							
Annual	\$7,820	\$12,810	\$17,580	\$21,700	\$25,610	\$29,950	\$4,340
6 Months	\$3,910	\$6,405	\$8,790	\$10,850	\$12,805	\$14,975	\$2,170
100%	\$11,160	\$18,290	\$25,110	\$30,990	\$36,570	\$42,770	\$6,200
Poverty Guidelines (a)							
Annual	\$8,860	\$11,940	\$15,020	\$18,100	\$21,180	\$24,260	\$3,080
6 Months	\$4,430	\$5,970	\$7,510	\$9,050	\$10,590	\$12,130	\$1,540

TABLE 4
LOWER LIVING STANDARD INCOME LEVEL (LLSIL)
AND POVERTY GUIDELINES
2002

Table 5 — Nonmetropolitan Areas

Humboldt		Mother Lode					
Imperial		San Benito					
Kings		San Luis Obispo					
Madera							
Mendocino							
	Family Size						
	One Member	Two Member	Three Member	Four Member	Five Member	Six Member	Each Additional Member Add
70% LLSIL (a)							
Annual	\$7,560	\$12,390	\$17,010	\$20,990	\$24,770	\$28,970	\$4,200
6 Months	\$3,780	\$6,195	\$8,505	\$10,495	\$12,385	\$14,485	\$2,100
100%	\$10,800	\$17,690	\$24,290	\$29,980	\$35,380	\$41,380	\$6,000
Poverty Guidelines (a)							
Annual	\$8,860	\$11,940	\$15,020	\$18,100	\$21,180	\$24,260	\$3,080
6 Months	\$4,430	\$5,970	\$7,510	\$9,050	\$10,590	\$12,130	\$1,540

Source: State of California, Workforce Investment Division, Workforce Investment Act Directive,
Number: WIAD01-18, Dated June 11, 2002.

(a) Tables 1 through 5 show the 70 percent LLSIL and the poverty guidelines for western metropolitan and nonmetropolitan areas, and for three specific Metropolitan Statistical Areas in California. In addition, each LLSIL table includes the 100 percent LLSIL that establishes the Department of Labor's minimum self-sufficiency levels. Each table specifies which areas encompass which Local Workforce Investment Area (LWIA). For a family of one, in all tables, the poverty guidelines exceed the 70 percent LLSIL and, therefore, should be used to establish the low-income status. For all other family sizes, the LLSILs exceed the poverty guidelines. The last column in each table shows the amount to be added to the figure for a family of six for each additional family member.

TABLE 5
WORKFORCE INVESTMENT ACT
PLANNING INFORMATION FOR LOCAL WORKFORCE INVESTMENT AREAS
SELECTED CHARACTERISTICS BY AGE

LWIA NAME: LOS ANGELES COUNTY

JURISDICTIONS INCLUDED: LOS ANGELES COUNTY (LESS: CARSON-LOMITA-TORRANCE, LONG BEACH AND LOS ANGELES CITIES, FOOTHILL, SOUTHEAST L.A. COUNTY, SOUTH BAY S.D.A. AND VERDUGO CONSORTIUM)

JANUARY 10, 2003

CHARACTERISTICS OF VARIOUS POTENTIAL CLIENT GROUPS

LABOR FORCE STATUS (1)	
EMPLOYED	1,572,745
UNEMPLOYED	112,385
UNEMPLOYMENT RATE	6.7
NOT IN LABOR FORCE (2)	1,110,946

2002 VETERAN INFORMATION - LOS ANGELES COUNTY

TOTAL VETERANS (3)	547,094
MALE	515,568
FEMALE	31,526
VIETNAM ERA VETERANS - CENSUS 2000 (4)	138,563
DISABLED VETERANS (5)	35,842

OFFENDERS (6)	31,548
---------------	--------

% OF PEOPLE IN POVERTY: LOS ANGELES COUNTY, 1998 (7)	18.9
--	------

1990 CENSUS (8)

FAMILIES IN POVERTY AS A % OF ALL FAMILIES	10.4
--	------

CHARACTERISTICS OF ECONOMICALLY DISADVANTAGED PERSONS 14 TO 72 YEARS OLD (9)

	14 - 15 (10)		16 - 21		22 - 54		55 - 72		Total 16 - 72	
	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
TOTAL ECONOMIC DISADVANTAGED	24,827	100.0	60,815	100.0	226,638	100.0	41,192	100.0	328,645	100.0
BY RACE:										
WHITE NOT HISPANIC	2,570	10.4	8,113	13.3	36,088	15.9	14,806	35.9	59,007	18.0
BLACK NOT HISPANIC	2,757	11.1	5,077	8.3	22,405	9.9	5,336	13.0	32,818	10.0
AMERICAN INDIAN NOT HISP	96	0.4	357	0.6	1,088	0.5	218	0.5	1,663	0.5
ASIAN NOT HISPANIC	2,409	9.7	6,494	10.7	23,496	10.4	5,288	12.8	35,278	10.7
PACIFIC ISLAND NOT HISP	131	0.5	289	0.5	956	0.4	120	0.3	1,365	0.4
HISPANIC	16,864	67.9	40,485	66.6	142,604	62.9	15,424	37.4	198,513	60.4
BY SEX:										
MALE	12,702	51.2	29,632	48.7	97,195	42.9	15,174	36.8	142,001	43.2
FEMALE	12,125	48.8	31,183	51.3	129,443	57.1	26,018	63.2	186,644	56.8
HIGH SCHOOL EXPERIENCE:										
DROPOUTS	1,722	6.9	20,015	32.9	125,475	55.4	24,458	59.4	169,948	51.7
GRADUATES	35	0.1	1,596	2.6	38,789	17.1	6,624	16.1	47,009	14.3
STUDENTS	11,862	47.8	22,105	36.3	7,413	3.3	474	1.2	29,992	9.1
DISABLED	725	2.9	4,386	7.2	34,084	15.0	16,078	39.0	54,548	16.6
LIMITED ENGLISH PROF	2,747	11.1	15,080	24.8	87,234	38.5	10,693	26.0	113,007	34.4

TABLE 5
WORKFORCE INVESTMENT ACT
PLANNING INFORMATION FOR LOCAL WORKFORCE INVESTMENT AREAS
SELECTED CHARACTERISTICS BY AGE

LWIA NAME: CARSON-LOMITA-TORRANCE

JURISDICTIONS INCLUDED: CARSON, LOMITA AND TORRANCE CITIES -- CONSORTIUM

JANUARY 10, 2003

CHARACTERISTICS OF VARIOUS POTENTIAL CLIENT GROUPS

LABOR FORCE STATUS (1)	
EMPLOYED	155,310
UNEMPLOYED	7,645
UNEMPLOYMENT RATE	4.7
NOT IN LABOR FORCE (2)	
	40,138
2002 VETERAN INFORMATION - LOS ANGELES COUNTY	
TOTAL VETERANS (3)	547,094
MALE	515,568
FEMALE	31,526
VIETNAM ERA VETERANS - CENSUS 2000 (4)	138,563
DISABLED VETERANS (5)	35,842
OFFENDERS (6)	2,155
% OF PEOPLE IN POVERTY: LOS ANGELES, 1998 (7)	18.9

1990 CENSUS (8)

FAMILIES IN POVERTY AS A % OF ALL FAMILIES 4.5

CHARACTERISTICS OF ECONOMICALLY DISADVANTAGED PERSONS 14 TO 72 YEARS OLD (9)

	14 - 15 (10)		16 - 21		22 - 54		55 - 72		Total 16 - 72	
	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
TOTAL ECONOMIC DISADVANTAGED	594	100.0	1,819	100.0	6,910	100.0	2,425	100.0	11,154	100.0
BY RACE:										
WHITE NOT HISPANIC	162	27.3	685	37.7	3,596	52.0	1,674	69.0	5,955	53.4
BLACK NOT HISPANIC	0	0.0	0	0.0	223	3.2	0	0.0	223	2.0
AMERICAN INDIAN NOT HISP	0	0.0	50	2.7	0	0.0	86	3.6	136	1.2
ASIAN NOT HISPANIC	258	43.4	594	32.7	1,779	25.7	305	12.6	2,678	24.0
PACIFIC ISLAND NOT HISP	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
HISPANIC	174	29.2	490	27.0	1,312	19.0	360	14.8	2,162	19.4
BY SEX:										
MALE	338	56.9	829	45.6	2,813	40.7	968	39.9	4,610	41.3
FEMALE	256	43.1	990	54.4	4,097	59.3	1,457	60.1	6,544	58.7
HIGH SCHOOL EXPERIENCE:										
DROPOUTS	0	0.0	283	15.5	1,575	22.8	924	38.1	2,782	24.9
GRADUATES	0	0.0	120	6.6	2,901	42.0	821	33.9	3,842	34.4
STUDENTS	242	40.8	799	43.9	124	1.8	0	0.0	923	8.3
DISABLED	0	0.0	88	4.8	1,156	16.7	751	31.0	1,995	17.9
LIMITED ENGLISH PROF	73	12.4	380	20.9	1,604	23.2	211	8.7	2,195	19.7

TABLE 5
WORKFORCE INVESTMENT ACT
PLANNING INFORMATION FOR LOCAL WORKFORCE INVESTMENT AREAS
SELECTED CHARACTERISTICS BY AGE

LWIA NAME: CITY OF LONG BEACH
 JURISDICTIONS INCLUDED: CITY OF LONG BEACH

JANUARY 10, 2003

CHARACTERISTICS OF VARIOUS POTENTIAL CLIENT GROUPS

LABOR FORCE STATUS (1)		
EMPLOYED		214,474
UNEMPLOYED		14,723
UNEMPLOYMENT RATE		6.4
NOT IN LABOR FORCE (2)		122,672
2002 VETERAN INFORMATION - LOS ANGELES COUNTY		
TOTAL VETERANS (3)		547,094
MALE		515,568
FEMALE		31,526
VIETNAM ERA VETERANS - CENSUS 2000 (4)		138,563
DISABLED VETERANS (5)		35,842
OFFENDERS (6)		4,796
% OF PEOPLE IN POVERTY: LOS ANGELES, 1998 (7)		18.9

1990 CENSUS (8)

FAMILIES IN POVERTY AS A % OF ALL FAMILIES 13.5

CHARACTERISTICS OF ECONOMICALLY DISADVANTAGED PERSONS 14 TO 72 YEARS OLD (9)

	14 - 15 (10)		16 - 21		22 - 54		55 - 72		Total 16 - 72	
	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
TOTAL ECONOMIC DISADVANTAGED	2,859	100.0	8,318	100.0	32,152	100.0	5,284	100.0	45,754	100.0
BY RACE:										
WHITE NOT HISPANIC	129	4.5	1,383	16.6	7,168	22.3	2,228	42.2	10,779	23.6
BLACK NOT HISPANIC	750	26.2	1,575	19.0	6,122	19.0	899	17.0	8,597	18.8
AMERICAN INDIAN NOT HISP	0	0.0	105	1.3	282	0.9	17	0.3	404	0.9
ASIAN NOT HISPANIC	771	27.0	1,598	19.2	5,407	16.8	1,035	19.6	8,040	17.6
PACIFIC ISLAND NOT HISP	0	0.0	114	1.4	321	1.0	169	3.2	604	1.3
HISPANIC	1,209	42.3	3,541	42.6	12,852	40.0	936	17.7	17,329	37.9
BY SEX:										
MALE	1,373	48.0	4,113	49.4	12,928	40.2	2,194	41.5	19,235	42.0
FEMALE	1,486	52.0	4,205	50.6	19,224	59.8	3,090	58.5	26,519	58.0
HIGH SCHOOL EXPERIENCE:										
DROPOUTS	96	3.3	2,280	27.4	16,052	49.9	3,106	58.8	21,438	46.9
GRADUATES	0	0.0	392	4.7	6,579	20.5	1,132	21.4	8,103	17.7
STUDENTS	1,213	42.4	2,908	35.0	895	2.8	52	1.0	3,855	8.4
DISABLED	81	2.8	717	8.6	6,511	20.3	2,172	41.1	9,400	20.5
LIMITED ENGLISH PROF	178	6.2	1,582	19.0	10,815	33.6	1,334	25.2	13,731	30.0

TABLE 5
WORKFORCE INVESTMENT ACT
PLANNING INFORMATION FOR LOCAL WORKFORCE INVESTMENT AREAS
SELECTED CHARACTERISTICS BY AGE

LWIA NAME: CITY OF LOS ANGELES
 JURISDICTIONS INCLUDED: LOS ANGELES CITY

JANUARY 10, 2003

CHARACTERISTICS OF VARIOUS POTENTIAL CLIENT GROUPS

LABOR FORCE STATUS (1)		
EMPLOYED		1,837,174
UNEMPLOYED		147,994
UNEMPLOYMENT RATE		7.5
NOT IN LABOR FORCE (2)		974,216
2002 VETERAN INFORMATION - LOS ANGELES COUNTY		
TOTAL VETERANS (3)		547,094
MALE		515,568
FEMALE		31,526
VIETNAM ERA VETERANS - CENSUS 2000 (4)		138,563
DISABLED VETERANS (5)		35,842
OFFENDERS (6)		49,032
% OF PEOPLE IN POVERTY: LOS ANGELES COUNTY, 1998 (7)		18.9

1990 CENSUS (8)

FAMILIES IN POVERTY AS A % OF ALL FAMILIES 14.9

CHARACTERISTICS OF ECONOMICALLY DISADVANTAGED PERSONS 14 TO 72 YEARS OLD (9)

	14 - 15 (10)		16 - 21		22 - 54		55 - 72		Total 16 - 72	
	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
TOTAL ECONOMIC DISADVANTAGED	29,163	100.0	83,649	100.0	341,578	100.0	52,689	100.0	477,916	100.0
BY RACE:										
WHITE NOT HISPANIC	2,153	7.4	11,414	13.6	51,806	15.2	15,558	29.5	78,778	16.5
BLACK NOT HISPANIC	5,241	18.0	11,052	13.2	49,773	14.6	14,333	27.2	75,158	15.7
AMERICAN INDIAN NOT HISP	0	0.0	213	0.3	985	0.3	164	0.3	1,362	0.3
ASIAN NOT HISPANIC	2,079	7.1	7,073	8.5	24,923	7.3	6,358	12.1	38,354	8.0
PACIFIC ISLAND NOT HISP	150	0.5	177	0.2	492	0.1	23	0.0	692	0.1
HISPANIC	19,540	67.0	53,720	64.2	213,600	62.5	16,253	30.8	283,573	59.3
BY SEX:										
MALE	14,602	50.1	43,043	51.5	156,251	45.7	20,379	38.7	219,673	46.0
FEMALE	14,561	49.9	40,606	48.5	185,327	54.3	32,310	61.3	258,243	54.0
HIGH SCHOOL EXPERIENCE:										
DROPOUTS	2,136	7.3	28,299	33.8	191,044	55.9	30,204	57.3	249,547	52.2
GRADUATES	24	0.1	2,481	3.0	57,717	16.9	10,225	19.4	70,423	14.7
STUDENTS	13,125	45.0	27,789	33.2	13,988	4.1	768	1.5	42,545	8.9
DISABLED	1,349	4.6	7,164	8.6	50,722	14.8	21,037	39.9	78,923	16.5
LIMITED ENGLISH PROF	3,959	13.6	24,191	28.9	147,860	43.3	14,815	28.1	186,866	39.1

TABLE 5
WORKFORCE INVESTMENT ACT
PLANNING INFORMATION FOR LOCAL WORKFORCE INVESTMENT AREAS
SELECTED CHARACTERISTICS BY AGE

LWIA NAME: Foothill Consortium

JURISDICTIONS INCLUDED: Arcadia, Duarte, Monrovia, Pasadena, Sierra Madre and South Pasadena
 Cities – Consortium

JANUARY 10, 2003

CHARACTERISTICS OF VARIOUS POTENTIAL CLIENT GROUPS

LABOR FORCE STATUS (1)	
EMPLOYED	156,597
UNEMPLOYED	8,090
UNEMPLOYMENT RATE	4.9
NOT IN LABOR FORCE (2)	66,432

2002 VETERAN INFORMATION LOS ANGELES COUNTY	
TOTAL VETERANS (3)	547,094
MALE	515,568
FEMALE	31,526
VIETNAM ERA VETERANS - CENSUS 2000 (4)	138,563
DISABLED VETERANS (5)	35,842

OFFENDERS (6)	3,339
---------------	-------

% OF PEOPLE IN POVERTY: LOS ANGELES COUNTY, 1998 (7)	18.9
--	------

1990 CENSUS (8)

FAMILIES IN POVERTY AS A % OF ALL FAMILIES	7.8
--	-----

CHARACTERISTICS OF ECONOMICALLY DISADVANTAGED PERSONS 14 TO 72 YEARS OLD (9)

	14 - 15 (10)		16 - 21		22 - 54		55 - 72		Total 16 - 72	
	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
TOTAL ECONOMIC DISADVANTAGED	1,250	100.0	3,563	100.0	14,846	100.0	2,898	100.0	21,307	100.0
BY RACE:										
WHITE NOT HISPANIC	285	22.8	745	20.9	3,534	23.8	1,032	35.6	5,311	24.9
BLACK NOT HISPANIC	87	7.0	378	10.6	1,687	11.4	558	19.2	2,623	12.3
AMERICAN INDIAN NOT HISP	0	0.0	0	0.0	50	0.3	0	0.0	50	0.2
ASIAN NOT HISPANIC	285	22.8	643	18.1	2,980	20.1	657	22.7	4,280	20.1
PACIFIC ISLAND NOT HISP	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
HISPANIC	593	47.4	1,797	50.4	6,595	44.4	651	22.5	9,043	42.4
BY SEX:										
MALE	685	54.8	1,829	51.3	6,842	46.1	1,099	37.9	9,770	45.9
FEMALE	565	45.2	1,734	48.7	8,004	53.9	1,799	62.1	11,537	54.1
HIGH SCHOOL EXPERIENCE:										
DROPOUTS	104	8.3	1,045	29.3	5,860	39.5	1,402	48.4	8,307	39.0
GRADUATES	0	0.0	115	3.2	4,867	32.8	842	29.0	5,824	27.3
STUDENTS	452	36.2	1,194	33.5	153	0.1	26	0.9	1,373	6.4
DISABLED	0	0.0	232	6.5	1,907	12.8	906	31.3	3,045	14.3
LIMITED ENGLISH PROF	178	14.2	1,053	29.5	4,501	30.3	901	31.1	6,455	30.3

TABLE 5
WORKFORCE INVESTMENT ACT
PLANNING INFORMATION FOR LOCAL WORKFORCE INVESTMENT AREAS
SELECTED CHARACTERISTICS BY AGE

LWIA NAME: SOUTHEAST LOS ANGELES COUNTY

JURISDICTIONS INCLUDED: ARTESIA, BELLFLOWER, CERRITOS, DOWNEY, HAWAIIAN GARDENS, LAKEWOOD,
AND NORWALK – CONSORTIUM

JANUARY 10, 2003

CHARACTERISTICS OF VARIOUS POTENTIAL CLIENT GROUPS

LABOR FORCE STATUS (1)		
EMPLOYED		234,059
UNEMPLOYED		13,819
UNEMPLOYMENT RATE		5.6
NOT IN LABOR FORCE (2)		100,204
2002 VETERAN INFORMATION - LOS ANGELES COUNTY		
TOTAL VETERANS (3)		547,094
MALE		515,568
FEMALE		31,526
VIETNAM ERA VETERANS - CENSUS 2000 (4)		138,563
DISABLED VETERANS (5)		35,842
OFFENDERS (6)		4,088
% OF PEOPLE IN POVERTY: LOS ANGELES COUNTY, 1998 (7)		18.9

1990 CENSUS (8)

FAMILIES IN POVERTY AS A % OF ALL FAMILIES 5.8

CHARACTERISTICS OF ECONOMICALLY DISADVANTAGED PERSONS 14 TO 72 YEARS OLD (9)

	14 - 15 (10)		16 - 21		22 - 54		55 - 72		Total 16 - 72	
	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
TOTAL ECONOMIC DISADVANTAGED	1,693	100.0	4,825	100.0	16,452	100.0	4,011	100.0	25,288	100.0
BY RACE:										
WHITE NOT HISPANIC	404	23.9	1,309	27.1	7,101	43.2	2,866	71.5	11,276	44.6
BLACK NOT HISPANIC	55	3.2	629	13.0	974	5.9	278	6.9	1,881	7.4
AMERICAN INDIAN NOT HISP	0	0.0	0	0.0	254	1.5	0	0.0	254	1.0
ASIAN NOT HISPANIC	106	6.3	615	12.8	1,684	10.2	170	4.2	2,469	9.8
PACIFIC ISLAND NOT HISP	72	4.3	61	1.3	188	1.1	73	1.8	322	1.3
HISPANIC	1,056	62.3	2,211	45.8	6,252	38.0	623	15.5	9,086	35.9
BY SEX:										
MALE	637	37.7	2,350	48.7	6,899	41.9	1,179	29.4	10,428	41.2
FEMALE	1,056	62.3	2,475	51.3	9,553	58.1	2,832	70.6	14,860	58.8
HIGH SCHOOL EXPERIENCE:										
DROPOUTS	274	16.2	1,167	24.2	7,414	45.1	2,313	57.7	10,894	43.1
GRADUATES	0	0.0	149	3.1	3,528	21.4	835	20.8	4,512	17.8
STUDENTS	706	41.7	1,603	33.2	170	1.0	38	1.0	1,811	7.2
DISABLED	45	2.6	270	5.6	2,654	16.1	2,119	52.8	5,043	19.9
LIMITED ENGLISH PROF	171	10.1	666	13.8	2,908	17.7	491	12.2	4,065	16.1

TABLE 5
WORKFORCE INVESTMENT ACT
PLANNING INFORMATION FOR LOCAL WORKFORCE INVESTMENT AREAS
SELECTED CHARACTERISTICS BY AGE

LWIA NAME: SOUTH BAY
 JURISDICTIONS INCLUDED:

EL SEGUNDO, GARDENA, HAWTHORNE, HERMOSA BEACH, INGLEWOOD,
 LAWDALE, MANHATTAN BEACH AND REDONDO BEACH CITIES – CONSORTIUM

JANUARY 10, 2003

CHARACTERISTICS OF VARIOUS POTENTIAL CLIENT GROUPS

LABOR FORCE STATUS (1)	
EMPLOYED	241,406
UNEMPLOYED	13,660
UNEMPLOYMENT RATE	5.4
NOT IN LABOR FORCE (2)	83,707
2002 VETERAN INFORMATION - LOS ANGELES COUNTY	
TOTAL VETERANS (3)	547,094
MALE	515,568
FEMALE	31,526
VIETNAM ERA VETERANS - CENSUS 2000 (4)	138,563
DISABLED VETERANS (5)	35,842
OFFENDERS (6)	4,108
% OF PEOPLE IN POVERTY: LOS ANGELES COUNTY, 1998 (7)	18.9

1990 CENSUS (8)

FAMILIES IN POVERTY AS A % OF ALL FAMILIES 8.9

CHARACTERISTICS OF ECONOMICALLY DISADVANTAGED PERSONS 14 TO 72 YEARS OLD (9)

	14 - 15 (10)		16 - 21		22 - 54		55 - 72		Total 16 - 72	
	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
TOTAL ECONOMIC DISADVANTAGED	1,778	100.0	5,084	100.0	23,628	100.0	3,087	100.0	31,799	100.0
BY RACE:										
WHITE NOT HISPANIC	193	10.9	981	19.3	5,163	21.9	1,280	41.5	7,424	23.3
BLACK NOT HISPANIC	334	18.8	1,106	21.7	5,343	22.6	576	18.7	7,025	22.1
AMERICAN INDIAN NOT HISP	22	1.2	0	0.0	170	0.7	0	0.0	170	0.5
ASIAN NOT HISPANIC	41	2.3	351	6.9	1,179	5.0	235	7.6	1,765	5.6
PACIFIC ISLAND NOT HISP	19	1.1	13	0.3	161	0.7	0	0.0	174	0.5
HISPANIC	1,169	65.7	2,633	51.8	11,613	49.1	996	32.3	15,242	47.9
BY SEX:										
MALE	908	51.1	2,665	52.4	10,379	43.9	1,168	37.8	14,212	44.7
FEMALE	870	48.9	2,419	47.6	13,249	56.1	1,919	62.2	17,587	55.3
HIGH SCHOOL EXPERIENCE:										
DROPOUTS	186	10.4	1,563	30.7	10,632	45.0	1,583	51.3	13,778	43.3
GRADUATES	0	0.0	224	4.4	6,256	26.5	677	21.9	7,157	22.5
STUDENTS	843	47.4	1,451	28.5	640	2.7	63	2.0	2,154	6.8
DISABLED	0	0.0	243	4.8	2,596	11.0	1,119	36.6	3,958	12.4
LIMITED ENGLISH PROF	337	18.9	1,356	26.7	6,673	28.2	573	18.6	8,602	27.1

TABLE 5
WORKFORCE INVESTMENT ACT
PLANNING INFORMATION FOR LOCAL WORKFORCE INVESTMENT AREAS
SELECTED CHARACTERISTICS BY AGE

LWIA NAME: VERDUGO CONSORTIUM

JURISDICTIONS INCLUDED: BURBANK, GLENDALE AND LA CANADA CITIES – CONSORTIUM

JANUARY 10, 2003

CHARACTERISTICS OF VARIOUS POTENTIAL CLIENT GROUPS

LABOR FORCE STATUS (1)

EMPLOYED	161,492
UNEMPLOYED	7,517
UNEMPLOYMENT RATE	4.4
NOT IN LABOR FORCE (2)	93,171

2002 VETERAN INFORMATION - LOS ANGELES COUNTY

TOTAL VETERANS (3)	547,094
MALE	515,568
FEMALE	31,526
VIETNAM ERA VETERANS - CENSUS 2000 (4)	138,563
DISABLED VETERANS (5)	35,842

OFFENDERS (6) 2,115

% OF PEOPLE IN POVERTY: LOS ANGELES COUNTY, 1998 (7) 18.9

1990 CENSUS (8)

FAMILIES IN POVERTY AS A % OF ALL FAMILIES 9.5

CHARACTERISTICS OF ECONOMICALLY DISADVANTAGED PERSONS 14 TO 72 YEARS OLD (9)

	14 - 15 (10)		16 - 21		22 - 54		55 - 72		Total 16 - 72	
	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
TOTAL ECONOMIC DISADVANTAGED	1,305	100.0	3,108	100.0	17,989	100.0	4,133	100.0	25,230	100.0
BY RACE:										
WHITE NOT HISPANIC	548	42.0	1,430	46.0	9,331	51.9	2,795	67.6	13,556	53.7
BLACK NOT HISPANIC	140	10.7	140	4.5	655	3.6	198	4.8	993	3.9
AMERICAN INDIAN NOT HISP	9	0.7	3	0.1	46	0.3	21	0.5	70	0.3
ASIAN NOT HISPANIC	113	8.6	385	12.4	1,494	8.3	354	8.6	2,233	8.9
PACIFIC ISLAND NOT HISP	0	0.0	0	0.0	33	0.2	20	0.5	53	0.2
HISPANIC	495	37.9	1,150	37.0	6,429	35.7	745	18.0	8,324	33.0
BY SEX:										
MALE	715	54.8	1,507	48.5	8,024	44.6	1,675	40.5	11,206	44.4
FEMALE	590	45.2	1,601	51.5	9,965	55.4	2,458	59.5	14,024	55.6
HIGH SCHOOL EXPERIENCE:										
DROPOUTS	101	7.7	736	23.7	8,142	45.3	2,146	51.9	11,024	43.7
GRADUATES	0	0.0	66	2.1	4,645	25.8	969	23.4	5,680	22.5
STUDENTS	529	40.5	1,392	44.8	605	3.4	15	0.4	2,012	8.0
DISABLED	49	3.8	269	8.7	2,850	15.8	1,792	43.4	4,911	19.5
LIMITED ENGLISH PROF	205	15.7	858	27.6	7,118	39.6	1,411	34.1	9,387	37.2

TABLE 5
WORKFORCE INVESTMENT ACT
PLANNING INFORMATION FOR LOCAL WORKFORCE INVESTMENT AREAS
SELECTED CHARACTERISTICS BY AGE

Footnotes and data sources:

Source: Employment Development Department, Labor Market Information Division, Current Economic Statistics Group.

Note: Data provided are the most recent available.

- (1) Labor force in this category refers to civilian labor force (16 years and older). This category includes, but is not limited to, the economically disadvantaged. Labor Force data are based on preliminary data (monthly average) for the period 12/2001 through 11/2002. March 2001 Benchmark.
- (2) Not in labor force (16 years and older) are those who are not employed and not actively seeking employment. This category includes, but is not limited to, the economically disadvantaged. Not in labor force data are based on preliminary labor force data (12/01 - 11/02), Department of Finance populations estimates as of 1/02 and working age populations from 1990 census data.
- (3) Department of Veterans Affairs, Office of the Actuary, Estimated Veteran Totals, September 30, 2002, Washington, D.C.
- (4) U.S. Census Bureau, Census 2000, American FactFinder.
- (5) Department of Veterans Affairs, Statistics for Veterans Receiving Compensation and Pension Benefits, February 14, 2002, Washington, D.C.
- (6) 2001 Criminal Justice Profile, California Department of Justice.
- (7) U.S. Census Bureau. County Estimates for People of All Ages in Poverty by County: California 1998 (Estimates model 1998 income reported in the March 1999 Current Population Survey.)
- (8) Based on poverty data from the 1990 census. The 2000 census data will not be available until 2005. The economically disadvantaged population was provided by the Employment and Training Administration from a custom tabulation provided by the United States Bureau of Census.
- (9) Data for each characteristic in this section were derived by an independent estimating process using census summary data and census public use micro sample. Totals may not match other data from the same sources.
- (10) Data are not included in **Total 16 - 72** column.

Table DP-1. Profile of General Demographic Characteristics: 2000

Geographic Area: Los Angeles County, California

[For information on confidentiality protection, nonsampling error, and definitions, see text]

Subject	Number	Percent	Subject	Number	Percent
Total population	9,519,338	100.0	HISPANIC OR LATINO AND RACE		
SEX AND AGE			Total population	9,519,338	100.0
Male.....	4,704,105	49.4	Hispanic or Latino (of any race).....	4,242,213	44.6
Female.....	4,815,233	50.6	Mexican.....	3,041,974	32.0
Under 5 years.....	737,631	7.7	Puerto Rican.....	37,862	0.4
5 to 9 years.....	802,047	8.4	Cuban.....	38,664	0.4
10 to 14 years.....	723,652	7.6	Other Hispanic or Latino.....	1,123,713	11.8
15 to 19 years.....	683,466	7.2	Not Hispanic or Latino.....	5,277,125	55.4
20 to 24 years.....	701,837	7.4	White alone.....	2,959,614	31.1
25 to 34 years.....	1,581,722	16.6	RELATIONSHIP		
35 to 44 years.....	1,517,478	15.9	Total population	9,519,338	100.0
45 to 54 years.....	1,148,612	12.1	In households.....	9,344,086	98.2
55 to 59 years.....	389,457	4.1	Householder.....	3,133,774	32.9
60 to 64 years.....	306,763	3.2	Spouse.....	1,491,327	15.7
65 to 74 years.....	492,833	5.2	Child.....	3,070,919	32.3
75 to 84 years.....	324,693	3.4	Own child under 18 years.....	2,274,290	23.9
85 years and over.....	109,147	1.1	Other relatives.....	1,009,388	10.6
Median age (years).....	32.0	(X)	Under 18 years.....	320,831	3.4
18 years and over.....	6,851,362	72.0	Nonrelatives.....	638,678	6.7
Male.....	3,337,184	35.1	Unmarried partner.....	185,892	2.0
Female.....	3,514,178	36.9	In group quarters.....	175,252	1.8
21 years and over.....	6,432,248	67.6	Institutionalized population.....	77,712	0.8
62 years and over.....	1,102,298	11.6	Noninstitutionalized population.....	97,540	1.0
65 years and over.....	926,673	9.7	HOUSEHOLD BY TYPE		
Male.....	383,240	4.0	Total households	3,133,774	100.0
Female.....	543,433	5.7	Family households (families).....	2,136,977	68.2
RACE			With own children under 18 years.....	1,152,502	36.8
One race.....	9,049,557	95.1	Married-couple family.....	1,491,327	47.6
White.....	4,637,062	48.7	With own children under 18 years.....	811,522	25.9
Black or African American.....	930,957	9.8	Female householder, no husband present.....	459,392	14.7
American Indian and Alaska Native.....	76,988	0.8	With own children under 18 years.....	257,611	8.2
Asian.....	1,137,500	11.9	Nonfamily households.....	996,797	31.8
Asian Indian.....	60,268	0.6	Householder living alone.....	771,854	24.6
Chinese.....	329,352	3.5	Householder 65 years and over.....	223,473	7.1
Filipino.....	260,158	2.7	Households with individuals under 18 years.....	1,293,674	41.3
Japanese.....	111,349	1.2	Households with individuals 65 years and over.....	674,787	21.5
Korean.....	186,350	2.0	Average household size.....	2.98	(X)
Vietnamese.....	78,102	0.8	Average family size.....	3.61	(X)
Other Asian ¹	111,921	1.2	HOUSING OCCUPANCY		
Native Hawaiian and Other Pacific Islander.....	27,053	0.3	Total housing units	3,270,909	100.0
Native Hawaiian.....	4,347	-	Occupied housing units.....	3,133,774	95.8
Guamanian or Chamorro.....	3,277	-	Vacant housing units.....	137,135	4.2
Samoan.....	12,836	0.1	For seasonal, recreational, or		
Other Pacific Islander ²	6,593	0.1	occasional use.....	13,565	0.4
Some other race.....	2,239,997	23.5	Homeowner vacancy rate (percent).....	1.6	(X)
Two or more races.....	469,781	4.9	Rental vacancy rate (percent).....	3.3	(X)
Race alone or in combination with one			HOUSING TENURE		
or more other races: ³			Occupied housing units	3,133,774	100.0
White.....	5,022,646	52.8	Owner-occupied housing units.....	1,499,744	47.9
Black or African American.....	999,747	10.5	Renter-occupied housing units.....	1,634,030	52.1
American Indian and Alaska Native.....	138,696	1.5	Average household size of owner-occupied units.....	3.13	(X)
Asian.....	1,245,019	13.1	Average household size of renter-occupied units.....	2.85	(X)
Native Hawaiian and Other Pacific Islander.....	49,514	0.5			
Some other race.....	2,558,599	26.9			

- Represents zero or rounds to zero. (X) Not applicable.

¹ Other Asian alone, or two or more Asian categories.² Other Pacific Islander alone, or two or more Native Hawaiian and Other Pacific Islander categories.³ In combination with one or more of the other races listed. The six numbers may add to more than the total population and the six percentages may add to more than 100 percent because individuals may report more than one race.

Source: U.S. Census Bureau, Census 2000.

Table DP-2. Profile of Selected Social Characteristics: 2000

Geographic area: Los Angeles County, California

[Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see text]

Subject	Number	Percent	Subject	Number	Percent
SCHOOL ENROLLMENT			NATIVITY AND PLACE OF BIRTH		
Population 3 years and over enrolled in school.....	2,931,076	100.0	Total population.....	9,519,338	100.0
Nursery school, preschool.....	159,024	5.4	Native.....	6,069,894	63.8
Kindergarten.....	166,635	5.7	Born in United States.....	5,983,398	62.9
Elementary school (grades 1-8).....	1,259,161	43.0	State of residence.....	4,302,278	45.2
High school (grades 9-12).....	615,942	21.0	Different state.....	1,681,120	17.7
College or graduate school.....	730,314	24.9	Born outside United States.....	86,496	0.9
EDUCATIONAL ATTAINMENT			Foreign born.....	3,449,444	36.2
Population 25 years and over.....	5,882,948	100.0	Entered 1990 to March 2000.....	1,201,034	12.6
Less than 9th grade.....	955,932	16.2	Naturalized citizen.....	1,311,755	13.8
9th to 12th grade, no diploma.....	814,592	13.8	Not a citizen.....	2,137,689	22.5
High school graduate (includes equivalency).....	1,108,314	18.8	REGION OF BIRTH OF FOREIGN BORN		
Some college, no degree.....	1,174,477	20.0	Total (excluding born at sea).....	3,449,428	100.0
Associate degree.....	367,244	6.2	Europe.....	194,503	5.6
Bachelor's degree.....	945,634	16.1	Asia.....	1,022,289	29.6
Graduate or professional degree.....	516,755	8.8	Africa.....	43,024	1.2
Percent high school graduate or higher.....	69.9	(X)	Oceania.....	12,560	0.4
Percent bachelor's degree or higher.....	24.9	(X)	Latin America.....	2,143,049	62.1
MARITAL STATUS			Northern America.....	34,003	1.0
Population 15 years and over.....	7,252,521	100.0	LANGUAGE SPOKEN AT HOME		
Never married.....	2,472,521	34.1	Population 5 years and over.....	8,791,096	100.0
Now married, except separated.....	3,542,359	48.8	English only.....	4,032,614	45.9
Separated.....	226,151	3.1	Language other than English.....	4,758,482	54.1
Widowed.....	397,823	5.5	Speak English less than "very well".....	2,542,505	28.9
Female.....	325,375	4.5	Spanish.....	3,330,935	37.9
Divorced.....	613,667	8.5	Speak English less than "very well".....	1,845,364	21.0
Female.....	366,162	5.0	Other Indo-European languages.....	459,392	5.2
GRANDPARENTS AS CAREGIVERS			Speak English less than "very well".....	183,686	2.1
Grandparent living in household with one or more own grandchildren under 18 years.....	308,530	100.0	Asian and Pacific Island languages.....	875,515	10.0
Grandparent responsible for grandchildren.....	88,511	28.7	Speak English less than "very well".....	482,637	5.5
VETERAN STATUS			ANCESTRY (single or multiple)		
Civilian population 18 years and over ..	6,855,129	100.0	Total population.....	9,519,338	100.0
Civilian veterans.....	510,712	7.5	Total ancestries reported.....	9,621,792	101.1
DISABILITY STATUS OF THE CIVILIAN NONINSTITUTIONALIZED POPULATION			Arab.....	65,836	0.7
Population 5 to 20 years.....	2,338,627	100.0	Czech ¹	24,710	0.3
With a disability.....	181,452	7.8	Danish.....	32,957	0.3
Population 21 to 64 years.....	5,475,226	100.0	Dutch.....	70,376	0.7
With a disability.....	1,193,654	21.8	English.....	422,942	4.4
Percent employed.....	53.5	(X)	French (except Basque) ¹	142,592	1.5
No disability.....	4,281,572	78.2	French Canadian ¹	27,147	0.3
Percent employed.....	69.2	(X)	German.....	548,891	5.8
Population 65 years and over.....	893,212	100.0	Greek.....	27,715	0.3
With a disability.....	399,903	44.8	Hungarian.....	41,138	0.4
RESIDENCE IN 1995			Irish ¹	438,307	4.6
Population 5 years and over.....	8,791,096	100.0	Italian.....	270,375	2.8
Same house in 1995.....	4,571,423	52.0	Lithuanian.....	13,640	0.1
Different house in the U.S. in 1995.....	3,753,068	42.7	Norwegian.....	69,832	0.7
Same county.....	3,136,120	35.7	Polish.....	122,680	1.3
Different county.....	616,948	7.0	Portuguese.....	19,386	0.2
Same state.....	329,991	3.8	Russian.....	146,697	1.5
Different state.....	286,957	3.3	Scotch-Irish.....	72,648	0.8
Elsewhere in 1995.....	466,605	5.3	Scottish.....	92,347	1.0
			Slovak.....	5,248	0.1
			Subsaharan African.....	64,546	0.7
			Swedish.....	75,763	0.8
			Swiss.....	16,525	0.2
			Ukrainian.....	22,543	0.2
			United States or American.....	241,868	2.5
			Welsh.....	30,985	0.3
			West Indian (excluding Hispanic groups).....	31,677	0.3
			Other ancestries.....	6,482,421	68.1

-Represents zero or rounds to zero. (X) Not applicable.

¹The data represent a combination of two ancestries shown separately in Summary File 3. Czech includes Czechoslovakian. French includes Alsatian. French Canadian includes Acadian/Cajun. Irish includes Celtic.

Source: U.S. Bureau of the Census, Census 2000.

Table DP-3. Profile of Selected Economic Characteristics: 2000

Geographic area: Los Angeles County, California

[Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see text]

Subject	Number	Percent	Subject	Number	Percent
EMPLOYMENT STATUS			INCOME IN 1999		
Population 16 years and over	7,122,525	100.0	Households	3,136,279	100.0
In labor force	4,312,264	60.5	Less than \$10,000	330,000	10.5
Civilian labor force	4,307,762	60.5	\$10,000 to \$14,999	203,819	6.5
Employed	3,953,415	55.5	\$15,000 to \$24,999	398,292	12.7
Unemployed	354,347	5.0	\$25,000 to \$34,999	381,066	12.2
Percent of civilian labor force	8.2	(X)	\$35,000 to \$49,999	472,306	15.1
Armed Forces	4,502	0.1	\$50,000 to \$74,999	558,550	17.8
Not in labor force	2,810,261	39.5	\$75,000 to \$99,999	318,521	10.2
Females 16 years and over	3,656,757	100.0	\$100,000 to \$149,999	276,972	8.8
In labor force	1,953,462	53.4	\$150,000 to \$199,999	87,864	2.8
Civilian labor force	1,952,731	53.4	\$200,000 or more	108,889	3.5
Employed	1,784,303	48.8	Median household income (dollars)	42,189	(X)
Own children under 6 years	815,809	100.0	With earnings	2,611,014	83.3
All parents in family in labor force	397,242	48.7	Mean earnings (dollars) ¹	61,373	(X)
COMMUTING TO WORK			With Social Security income	618,121	19.7
Workers 16 years and over	3,858,750	100.0	Mean Social Security income (dollars) ¹	11,098	(X)
Car, truck, or van -- drove alone	2,714,944	70.4	With Supplemental Security Income	179,952	5.7
Car, truck, or van -- carpooled	582,020	15.1	Mean Supplemental Security Income (dollars) ¹	7,031	(X)
Public transportation (including taxicab)	254,091	6.6	With public assistance income	199,328	6.4
Walked	113,004	2.9	Mean public assistance income (dollars) ¹	4,946	(X)
Other means	60,048	1.6	With retirement income	380,518	12.1
Worked at home	134,643	3.5	Mean retirement income (dollars) ¹	18,834	(X)
Mean travel time to work (minutes) ¹	29.4	(X)	Families	2,154,311	100.0
Employed civilian population 16 years and over	3,953,415	100.0	Less than \$10,000	166,376	7.7
OCCUPATION			\$10,000 to \$14,999	128,303	6.0
Management, professional, and related occupations	1,355,973	34.3	\$15,000 to \$24,999	267,900	12.4
Service occupations	580,809	14.7	\$25,000 to \$34,999	256,832	11.9
Sales and office occupations	1,090,059	27.6	\$35,000 to \$49,999	323,690	15.0
Farming, fishing, and forestry occupations	6,650	0.2	\$50,000 to \$74,999	397,122	18.4
Construction, extraction, and maintenance occupations	306,450	7.8	\$75,000 to \$99,999	242,750	11.3
Production, transportation, and material moving occupations	613,474	15.5	\$100,000 to \$149,999	216,124	10.0
INDUSTRY			\$150,000 to \$199,999	69,451	3.2
Agriculture, forestry, fishing and hunting, and mining	10,188	0.3	\$200,000 or more	85,763	4.0
Construction	202,829	5.1	Median family income (dollars)	46,452	(X)
Manufacturing	586,627	14.8	Per capita income (dollars) ¹	20,683	(X)
Wholesale trade	184,369	4.7	Median earnings (dollars):		
Retail trade	416,390	10.5	Male full-time, year-round workers	36,299	(X)
Transportation and warehousing, and utilities	198,375	5.0	Female full-time, year-round workers	30,981	(X)
Information	213,589	5.4			
Finance, insurance, real estate, and rental and leasing	272,304	6.9		Number below poverty level	Percent below poverty level
Professional, scientific, management, administrative, and waste management services	455,069	11.5	POVERTY STATUS IN 1999		
Educational, health and social services	722,792	18.3	Families	311,226	14.4
Arts, entertainment, recreation, accommodation and food services	332,753	8.4	With related children under 18 years	258,769	19.9
Other services (except public administration)	233,193	5.9	With related children under 5 years	137,542	24.1
Public administration	124,937	3.2	Families with female householder, no husband present	127,232	28.5
CLASS OF WORKER			With related children under 18 years	111,843	37.1
Private wage and salary workers	3,097,864	78.4	With related children under 5 years	54,096	47.0
Government workers	498,882	12.6	Individuals	1,674,599	17.9
Self-employed workers in own not incorporated business	341,295	8.6	18 years and over	1,034,454	15.3
Unpaid family workers	15,374	0.4	65 years and over	93,555	10.5
			Related children under 18 years	626,757	24.2
			Related children 5 to 17 years	445,284	23.7
			Unrelated individuals 15 years and over	404,978	25.5

-Represents zero or rounds to zero. (X) Not applicable.

¹If the denominator of a mean value or per capita value is less than 30, then that value is calculated using a rounded aggregate in the numerator. See text.

Source: U.S. Bureau of the Census, Census 2000.

Table DP-4. Profile of Selected Housing Characteristics: 2000

Geographic area: Los Angeles County, California

[Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see text]

Subject	Number	Percent	Subject	Number	Percent
Total housing units	3,270,909	100.0	OCCUPANTS PER ROOM		
UNITS IN STRUCTURE			Occupied housing units	3,133,774	100.0
1-unit, detached	1,593,516	48.7	1.00 or less	2,412,975	77.0
1-unit, attached	241,571	7.4	1.01 to 1.50	249,449	8.0
2 units	89,608	2.7	1.51 or more	471,350	15.0
3 or 4 units	197,916	6.1			
5 to 9 units	269,122	8.2	Specified owner-occupied units	1,287,679	100.0
10 to 19 units	263,319	8.1	VALUE		
20 or more units	559,236	17.1	Less than \$50,000	19,333	1.5
Mobile home	53,475	1.6	\$50,000 to \$99,999	57,345	4.5
Boat, RV, van, etc	3,146	0.1	\$100,000 to \$149,999	207,707	16.1
			\$150,000 to \$199,999	324,055	25.2
YEAR STRUCTURE BUILT			\$200,000 to \$299,999	316,886	24.6
1999 to March 2000	22,629	0.7	\$300,000 to \$499,999	217,697	16.9
1995 to 1998	65,665	2.0	\$500,000 to \$999,999	111,472	8.7
1990 to 1994	135,766	4.2	\$1,000,000 or more	33,184	2.6
1980 to 1989	403,184	12.3	Median (dollars)	209,300	(X)
1970 to 1979	509,695	15.6			
1960 to 1969	583,178	17.8	MORTGAGE STATUS AND SELECTED		
1940 to 1959	1,129,007	34.5	MONTHLY OWNER COSTS		
1939 or earlier	421,785	12.9	With a mortgage	1,014,178	78.8
			Less than \$300	3,192	0.2
ROOMS			\$300 to \$499	21,115	1.6
1 room	285,396	8.7	\$500 to \$699	42,420	3.3
2 rooms	440,384	13.5	\$700 to \$999	111,852	8.7
3 rooms	569,280	17.4	\$1,000 to \$1,499	315,052	24.5
4 rooms	512,747	15.7	\$1,500 to \$1,999	244,562	19.0
5 rooms	534,555	16.3	\$2,000 or more	275,985	21.4
6 rooms	431,193	13.2	Median (dollars)	1,514	(X)
7 rooms	253,341	7.7	Not mortgaged	273,501	21.2
8 rooms	134,947	4.1	Median (dollars)	303	(X)
9 or more rooms	109,066	3.3			
Median (rooms)	4.2	(X)	SELECTED MONTHLY OWNER COSTS		
Occupied housing units	3,133,774	100.0	AS A PERCENTAGE OF HOUSEHOLD		
YEAR HOUSEHOLDER MOVED INTO UNIT			INCOME IN 1999		
1999 to March 2000	647,742	20.7	Less than 15.0 percent	351,126	27.3
1995 to 1998	1,015,643	32.4	15.0 to 19.9 percent	173,440	13.5
1990 to 1994	483,563	15.4	20.0 to 24.9 percent	167,242	13.0
1980 to 1989	449,500	14.3	25.0 to 29.9 percent	139,439	10.8
1970 to 1979	284,387	9.1	30.0 to 34.9 percent	99,472	7.7
1969 or earlier	252,939	8.1	35.0 percent or more	344,523	26.8
			Not computed	12,437	1.0
VEHICLES AVAILABLE			Specified renter-occupied units	1,630,542	100.0
None	393,309	12.6	GROSS RENT		
1	1,158,027	37.0	Less than \$200	36,968	2.3
2	1,079,792	34.5	\$200 to \$299	38,195	2.3
3 or more	502,646	16.0	\$300 to \$499	208,954	12.8
			\$500 to \$749	625,808	38.4
HOUSE HEATING FUEL			\$750 to \$999	385,620	23.6
Utility gas	2,404,745	76.7	\$1,000 to \$1,499	230,290	14.1
Bottled, tank, or LP gas	47,933	1.5	\$1,500 or more	72,706	4.5
Electricity	565,521	18.0	No cash rent	32,001	2.0
Fuel oil, kerosene, etc	1,259	-	Median (dollars)	704	(X)
Coal or coke	235	-			
Wood	7,533	0.2	GROSS RENT AS A PERCENTAGE OF		
Solar energy	6,349	0.2	HOUSEHOLD INCOME IN 1999		
Other fuel	3,723	0.1	Less than 15.0 percent	237,089	14.5
No fuel used	96,476	3.1	15.0 to 19.9 percent	214,798	13.2
			20.0 to 24.9 percent	205,852	12.6
SELECTED CHARACTERISTICS			25.0 to 29.9 percent	174,453	10.7
Lacking complete plumbing facilities	31,288	1.0	30.0 to 34.9 percent	130,377	8.0
Lacking complete kitchen facilities	46,322	1.5	35.0 percent or more	583,392	35.8
No telephone service	54,501	1.7	Not computed	84,581	5.2

-Represents zero or rounds to zero. (X) Not applicable.

Source: U.S. Bureau of the Census, Census 2000.

Explanation Of Terms And Concepts

American Indian and Alaska Native: A person having origins in any of the original peoples of North and South America (including Central America), and who maintain tribal affiliation or community attachment.

Asian: A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent.

Black or African American: A person having origins in any of the Black racial groups of Africa.

CalWORKs: California Work Opportunity and Responsibility to Kids is a state designed public assistance program. Focus is on work and training; those who seek welfare must also seek work. Time and aid limits apply.

Food Stamp Recipient: A person receiving food stamp coupons that can be exchanged for groceries.

General Relief: A county administered assistance program which includes interim payments to the disabled, and payments to individuals who are ineligible for other assistance programs, such as CalWORKs and Refugee Cash Assistance.

Hispanic: Census 2000 adheres to the federal standards for collecting and presenting data on race and Hispanic origin as established by the Office of Management and Budget (OMB) in October 1997. The OMB defines Hispanic or Latino as "a person of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin regardless of race."

Native Hawaiian and Other Pacific Islander: A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.

Public Assistance Recipient: A person receiving cash welfare payments and/or nonmonetary benefits under federal, state, or local welfare programs.

Refugee Cash Assistance: A cash assistance and employment services program designed for adults without children who have official status as refugee, and who have been in the United States for less than eight months. Aid is limited to eight months.

Some Other Race: Includes all other census responses not included in the "White," "Black or African American," "American Indian and Alaska Native," "Asian," and the "Native Hawaiian and Other Pacific Islander" race categories. Respondents providing write-in entries such as multiracial, mixed, interracial, or a Hispanic/Latino group (for example, Mexican, Puerto Rican, or Cuban) are included in this category.

Two or More Races: Refers to a classification of census respondents who chose to provide two or more races.

Veteran: A person who has served but is not now serving in the armed forces of the United States.

Vietnam-Era Veteran: A person who served between August 5, 1964, and May 7, 1975, but is not now serving in the armed forces of the United States.

Welfare-To-Work Program: The Welfare-To-Work Program helps family members acquire the skills needed to get a job. The county will determine if a family must participate in Welfare-To-Work activities as a requirement for CalWORKs. Families may also volunteer to participate.

White: A person having origins in any of the original peoples of Europe, the Middle East, or North Africa.



C12497.4689

012491468